

Final

Community Involvement Plan

St. Juliens Creek Annex Chesapeake, Virginia

Contract Task Order WE-09



Prepared by
Department of the Navy
Naval Facilities Engineering Command
Mid-Atlantic
February 2010

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Norfolk, Virginia

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Acronyms and Abbreviations

ABM	abrasive blast media
AOC	area of concern
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CIP	Community Involvement Plan
CRP	Community Relations Plan
DoD	Department of Defense
EE/CA	Engineering Evaluation/Cost Analysis
ER	Environmental Restoration
ERP	Environmental Restoration Program
FFA	Federal Facilities Agreement
FS	Feasibility Study
HRS	Hazard Ranking System
IAS	Initial Assessment Study
IR	Installation Restoration
LUC	land use control
MEC	munitions and explosives of concern
MRP	Munitions Response Program
NACIP	Navy Assessment and Control of Installation Pollutants
NAVFAC	Naval Facilities Engineering Command
NFA	no further action
NNSY	Norfolk Naval Shipyard
NPL	National Priorities List
PA	Preliminary Assessment
PAH	polycyclic aromatic hydrocarbon
POC	point of contact
RAB	Restoration Advisory Board
RAO	remedial action objective
RFA	Resource Conservation and Recovery Act Facility Assessment
RI	Remedial Investigation
ROD	Record of Decision
RPM	Remedial Project Manager
SARA	Superfund Amendments and Reauthorization Act
SJCA	St. Juliens Creek Annex
SMP	Site Management Plan

SSA	site screening area
SWMU	solid waste management unit
TAG	Technical Assistance Grant
TAPP	Technical Assistance for Public Participation
TCE	trichloroethene
TNT	trinitrotoluene
USEPA	United States Environmental Protection Agency
UXO	unexploded ordnance
VDEQ	Virginia Department of Environmental Quality
VSI	Visual Site Inspection

Overview of the Community Involvement Plan

1.1 Introduction

The United States Navy, Naval Facilities Engineering Command (NAVFAC) Mid-Atlantic, developed this Community Involvement Plan (CIP) to promote communication between the Navy and community members during the implementation of the Environmental Restoration Program (ERP) at St. Juliens Creek Annex (SJCA), Chesapeake, Virginia. The purpose of this CIP is to assist the Navy in ensuring the local community is informed about and involved in the ongoing environment restoration (ER) process at SJCA. This document is the second update to the Community Relations Plan (CRP)¹ prepared for SJCA in November 2000 (CDM Federal, 2000). The first update was completed in February 2006 (CH2M HILL, 2006).

Under the ERP, the Navy investigates and remediates areas resulting from past hazardous waste management practices. The ERP and CIP are consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), or “Superfund” and all federal, state, and local laws and regulations. The United States Environmental Protection Agency (USEPA) and Virginia Department of Environmental Quality (VDEQ) work with the Navy to conduct the ERP activities at SJCA.

This Plan has been prepared in accordance with regulations and guidance for conducting community involvement activities related to environmental restoration, including:

- *Superfund Community Involvement Handbook* (USEPA, 2002)
- USEPA’s *Community Involvement Toolkit* (USEPA, 2009a)
- *Environmental Restoration Program Manual* (Navy, 2006)
- *Management Guidance for the Defense Environmental Restoration Program* (DoD, 2001)
- 32 Code of Federal Regulations Part 203, *Final Rule [for] Technical Assistance for Public Participation (TAPP) in Defense Environmental Restoration Activities* (Federal Register/Vol. 63, No. 21)

1.2 Goals of the Community Involvement Program

The Navy will undertake the community involvement activities outlined in this Plan to ensure that the community is continuously informed and provided opportunities to be involved. The primary objectives of this CIP are to:

- Provide opportunities for the community to learn about the environmental issues at SJCA.

¹ The term “Community Relations Plan” was replaced with “Community Involvement Plan” after the publication of USEPA’s 2002 *Superfund Community Involvement Handbook*.

- Ensure community involvement in the decision-making process for ERP sites at SJCA (e.g., site analysis and characterization, remedial alternatives analysis, selection of remedy).
- Determine, based on community surveys and interviews, appropriate activities to ensure continued community involvement.

1.3 Implementation of the Plan

The ERP at SJCA, which is a non-contiguous property to Norfolk Naval Shipyard (NNSY), Portsmouth, Virginia, is under the authority of the Commander, NNSY. With the support of NAVFAC Mid-Atlantic, the Commander, NNSY has the overall responsibility for administering this CIP. The Commander typically has shared the tasks associated with implementing this CIP with the SJCA Public Affairs Officer (PAO), SJCA military and civilian personnel, state and federal regulatory agencies, and technical personnel contracted by the Navy to assist in the ERP process. The Navy is coordinating with VDEQ and USEPA Region 3 to ensure compliance with State and Federal regulations.

The Commander, NNSY is Captain W.C. Kiestler. The Acting SJCA PAO, Mr. Jeffrey Cunningham, is the Navy's designated Point of Contact (POC) for public inquiries or request for information. Their contact information is provided in [Appendix A](#).

Facility Description and Site History

2.1 St. Juliens Creek Annex Description

SJCA covers approximately 490 acres and is situated at the confluence of St. Juliens Creek and the Southern Branch of the Elizabeth River in the City of Chesapeake, in southeastern Virginia (**Figure 2-1**). Most surrounding areas are developed and include residences, schools, recreational areas, and shipping facilities for several large industries. NNSY is located approximately 1.5 miles north of SJCA.

SJCA is located in the eastern part of the Atlantic Coastal Plain Physiographic Province within the Tidewater Region. The Southern Branch of the Elizabeth River defines the eastern boundary of the land occupied by SJCA. St. Juliens Creek, which is a tributary of the Southern Branch of the Elizabeth River, defines the southern boundary of SJCA. Blows Creek, also a tributary of the Southern Branch of the Elizabeth River, flows through the center of SJCA and drains into the Southern Branch of the Elizabeth River. The Southern Branch of the Elizabeth River and its tributaries (including Blows Creek and St. Juliens Creek) are part of a tidal estuary system.

Land surface elevations at SJCA are generally low, ranging from sea level to approximately 20 feet above mean sea level in the northeastern portion of the facility. Groundwater most relevant to SJCA occurs in two aquifers: the shallow water-table aquifer (Columbia aquifer) and a deeper aquifer (Yorktown aquifer). These aquifers are separated by an approximately 35-foot thick confining unit (Yorktown confining unit). The Columbia aquifer is recharged primarily by infiltration of precipitation. The low hydraulic conductivity of the approximately 35-foot thick confining unit below the Columbia aquifer results in minimal seepage through the confining unit into the Yorktown aquifer from above.

The depth of shallow groundwater at SJCA ranges from about 6 feet below ground surface (bgs) in topographically higher areas to less than 1 feet bgs near the surface water bodies. The shallow groundwater flows from elevated areas and discharges into the various surrounding surface water bodies such as drainage ditches, Blows Creek, St. Juliens Creek, and the Southern Branch of the Elizabeth River.

2.2 St. Juliens Creek Annex History

SJCA began operations as a naval facility in 1849. SJCA was one of the largest ammunition depots in the United States involving wartime transfer of ammunitions to various other naval facilities. Specific ordnance operations and processes conducted at SJCA included stockpiling Explosive D (ammonium picrate or picrate acid) for use in projectiles, manufacturing Mark VI mines, assembling small caliber guns and ammunition, storing torpedoes, filling shells, and testing ordnance. In 1975, all ordnance operations were transferred to Naval Weapons Station Yorktown. Decontamination was performed in, around, and under ordnance-handling facilities at SJCA in 1977. Since then, ownership of

SJCA has been transferred repeatedly between NNSY and Naval Station Norfolk, and the facility is currently an annex to NNSY.

SJCA has also been involved in non-ordnance operations, including degreasing, operating various shops such as paint shops, machine, vehicle and locomotive maintenance, pest control, battery, print, and electrical, operating boiler plants, wash racks, and potable water and saltwater fire-protection systems, providing fire-fighter training, and storing oil and chemicals.

Activity at SJCA has decreased in recent years and many of the aging structures are being demolished. The current primary mission of SJCA is to provide a radar-testing range and administrative and warehousing facilities for nearby NNSY and other local naval activities. SJCA also provides light industrial shops and storage facilities for several tenant commands; including Defense Reutilization and Marketing Office storage, Space and Naval Warfare Systems command, Fleet and Industry Supply Center, Norfolk Integrated Logistics Support, and a cryogenics school. At this time, no change in land use is planned.

2.3 Environmental History

In 1975, the Department of Defense (DoD) began the Navy Assessment and Control of Installation Pollutants (NACIP) Program to assess past hazardous and toxic materials storage and disposal activities at military installations. The goals of this program were to identify environmental contamination resulting from past hazardous materials management practices, to assess the impacts of the contamination on public health and the environment, and to provide corrective measures as required to mitigate adverse impacts. In 1980, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), or “Superfund”, was passed. Though CERCLA did not apply to military facilities, the DoD adopted the program as a model for environmental cleanup ([Figure 2-2](#)). In 1986, Congress passed the Superfund Amendments and Reauthorization Act (SARA), which mandated that DoD follow the same cleanup regulations that apply to private entities. SARA also established the Defense ERP. The Installation Restoration (IR) Program was established to address releases of hazardous substances, pollutants, and contaminants. As part of the Fiscal Year 2002 Defense Authorization Act, Congress mandated that DoD develop a program to address military munitions. As a result, the Munitions Response Program (MRP) was developed. The ERP is therefore divided into the IR Program and MRP.

SJCA initiated its environmental investigation efforts by conducting an Initial Assessment Study (IAS) in 1981 (NEESA, 1981) followed by a Preliminary Assessment in 1983 (NUS Corporation, 1983) and Resource Conservation and Recovery Act Facility Assessment (RFA) in 1989 (A. T. Kearney, 1989). The RFA included a preliminary review of all available relevant documents and a Visual Site Inspection (VSI) that identified areas of potential environmental concern.

To assess whether SJCA should be proposed for the National Priorities List (NPL) (USEPA, 2009b), the USEPA completed a Hazard Ranking System (HRS) evaluation in January 2000 (Tetra Tech, 2000). SJCA was assigned a score of 50 based on the potential for surface water migration. Those facilities with HRS scores exceeding 28.5 are proposed for the NPL. Therefore, on February 3, 2000, USEPA proposed that SJCA be added to the NPL. The

proposed listing was followed by a minimum 60-day review and comment period prior to the inclusion of SJCA on the NPL on July 27, 2000.

Following the inclusion of SJCA on the NPL, the SJCA Tier I Partnering Team was chartered to streamline the cleanup of former disposal sites by using consensus-based site management strategies during the CERCLA process. The Team consists of representatives from NAVFAC, USEPA, and VDEQ and meetings are held quarterly, or more frequently as necessary. The Federal Facilities Agreement (FFA) (DoD, 2004), negotiated between the Navy, USEPA, and VDEQ, was signed in July 2004. In accordance with the FFA, all past and future work at ERP sites, solid waste management units (SWMUs), and areas of concern (AOCs) will be reviewed, and a course of action for future work requirements at each site will be developed. The FFA also includes specific requirements for the preparation and contents of the Site Management Plan (SMP). Under the FFA for SJCA, annual SMP updates are required. The purpose of the SMP is to present the planned activities for upcoming fiscal years, and to provide projections for long-term progress at the facility. This information represents the most recently updated SMP (CH2M HILL, 2009).

2.4 Environmental Restoration Sites

A total of 59 potentially-contaminated ERP sites, SWMUs, and AOCs have been identified for evaluation at SJCA based on the previous assessments and investigations. **Table 2-1** lists the status of each site. Four sites are currently active in the IR Program at SJCA (Site 2, Site 4, Site 5, and Site 21) (**Figure 2-3**). One site, Area Unexploded Ordnance (UXO) 0001, is currently active in the MRP at SJCA (**Figure 2-3**). Fifty-four sites at SJCA have been determined to require no further action (NFA) under the IR Program by the SJCA Tier I Partnering Team following desktop audits, site inspections, and/or removal actions (**Figure 2-4**) (CH2M HILL, 2009). The following subsections present a brief history, description, investigation summary, and CERCLA status for each of the active ERP sites.

2.4.1 IR Site 2—Waste Disposal Area B

Site 2 is an unlined waste disposal area covering approximately 5.7 acres in the southern portion of SJCA. In the center of Site 2 is a tidal inlet that is connected to St. Juliens Creek through a 36-inch culvert. The waste disposal area operated from 1921 until sometime after 1947. Initially, refuse was burned openly on site and used to fill in the inlet area. Mixed municipal wastes, solvents, waste ordnance, and abrasive blast media (ABM) from ship overhaul and repair operations were disposed of at the site. An incinerator was installed in 1942 to replace the opening burning practices.

Remedial Investigation (RI) activities have indicated potential risks to human health and the environment from exposure to chemicals in waste, soil, sediment, surface water, and shallow aquifer groundwater (CH2M HILL, 2008a). The primary contaminants are chlorinated solvents (trichloroethene [TCE] and its breakdown products) in shallow groundwater and surface water and inorganics and polycyclic aromatic hydrocarbons (PAHs) in soil and sediment.

A Feasibility Study (FS) Report (CH2M HILL, 2008b), which included development of remedial action objectives (RAOs) and development and evaluation of remedial alternatives to mitigate unacceptable risks to human health and the environment, was prepared. A

Proposed Plan to present the preferred remedial alternative to the public has been prepared and is undergoing SJCA Tier I Partnering Team review. Following the team review, a public review period will be held to gain public input. A Record of Decision (ROD) will then be prepared to document the selected remedial alternative and the remedial action will be implemented (CH2M HILL, 2009).

2.4.2 IR Site 4—Landfill D

Site 4 comprises 8.3 acres in the northeastern portion of SJCA at the confluence of Blows Creek and the Southern Branch of the Elizabeth River. The first indication of activity at Site 4 was trenching identified on a historical aerial photograph from 1961. From 1970 until 1981, sanitary landfill operations were conducted at Site 4 and the wastes managed were primarily trash, wet garbage, construction material, and out-dated civil defense storage material. RI activities indicated potential risks to human health and the environment from exposure to chemicals in waste, soil, and drainage sediment.

A remedial action was conducted from March through October 2005 and included:

- Installation of a minimum 2-foot soil cover
- Removal of surface debris from the wetland area adjacent to Blows Creek
- Removal of drainage sediment and re-construction of site drainages
- Implementation of land use controls (LUCs) to prohibit digging into or disturbing the soil cover or landfill contents and prohibit residential use and development of the site

A Remedial Action Completion Report (JV II, 2006) was finalized in September 2006 documenting the completion of the remedial action and demonstrating that the RAOs had been met. Because waste remains at the site, annual inspections are conducted to ensure that the remedy is protective of human health and the environment. The 5-year review is ongoing and the report will be finalized in the spring of 2010 (CH2M HILL, 2009).

2.4.3 IR Site 5—Burning Grounds

Site 5 consists of approximately 23 acres located in the northeastern portion of SJCA. The site currently consists of an open field with a wetland in the center and a forested area and Blows Creek to the south. Much of the Site 5 area was historically used for placement of dredge spoil material that reportedly originated from Blows Creek and the Southern Branch of the Elizabeth River. Operations began at the Burning Grounds in the 1930s when waste ordnance materials were disposed of by open burning. Tetryl, trinitrotoluene (TNT), fuzes, solvents, paint sludge, pesticides, and various types of refuse were also disposed. A 4.3-acre unlined waste disposal area is located in the center of the site. In mid-1977, the Burning Grounds surface was used for facility-wide decontamination of ordnance equipment and material. The decontamination process included filling equipment from buildings with oil and straw and igniting them. Afterwards, the ground surface was reportedly covered with oil and straw and burned. The top 6 inches of soil was then diced, and the ground surface was covered with oil and straw and burned again.

Blows Creek, a tidally-influenced brackish water tributary to the Southern Branch of the Elizabeth River, runs along the southern extent of Site 5 and through the center of SJCA. Several IRP sites are located within the Blows Creek drainage basin and have been

identified as potential historical sources to Blows Creek; however, it has been associated with Site 5 under the IRP.

RI activities indicated potential risks to human health and the environment from exposure to chemicals in waste, soil, and drainage sediment within Site 5. The primary contaminants are inorganics and pesticides. An Engineering Evaluation/Cost Analysis (EE/CA) (CH2M HILL, 2007) was conducted to evaluate alternatives to address the waste/burnt soil area and impacted surface soil and drainage sediment areas and recommended a removal action. A Baseline Ecological Risk Assessment (BERA) (CH2M HILL, 2004) was completed for Blows Creek and recommended NFA.

A removal action is currently being conducted to address potential risks to human health and the environment from the waste, soil, and drainage sediment within Site 5. Following the removal action, a Proposed Plan and ROD will be prepared to close the site, including Blows Creek, with NFA (CH2M HILL, 2009).

2.4.4 IR Site 21—Industrial Area

Site 21 is an industrial area in the south-central portion of SJCA. Buildings at Site 21 were historically used as machine, vehicle, and locomotive maintenance shops; electrical shops; and munitions loading facilities. A fuel service station was also located in the vicinity. Outdoor areas were used for equipment and chemical storage. Several of these buildings and/or their surrounding areas were former IR Program sites. Many of the older buildings at the site have been demolished. The existing buildings and the Site 21 area are currently used for storage and maintenance activities. An active warehouse used by Mid-Atlantic Regional Maintenance Center was constructed in 1992, since then the command has changed and it is currently the Fleet and Industrial Supply Center, Norfolk Integrated Logistics Support. A storm sewer system runs through the site and drains to a downstream inlet (Site 2) to St. Juliens Creek.

RI activities indicated potential risks to human health from exposure to chlorinated solvents (TCE and its breakdown products) in the shallow aquifer groundwater. Potential risk associated with vapor intrusion into onsite buildings was also identified.

An Interim ROD is currently being finalized to select *in situ* chemical reduction and enhanced reductive dechlorination as the remedy for shallow groundwater. The remedial action will be initiated in 2010. Collection of data to further evaluate the potential risk from vapor intrusion is ongoing. Results of the vapor intrusion investigation will be documented in an addendum to the RI and if risk is identified, it will be incorporated into an FS addendum. Following completion of the RI/FS for Site 21, a final Proposed Plan and ROD will be prepared for the site (CH2M HILL, 2009)

2.4.5 MRP Area UXO 0001—Wharf Area Sediments

Area UXO 0001 is the current and former wharf areas and piers along the shoreline of the Southern Branch of the Elizabeth River, comprising approximately 1,520 linear feet. The northern wharf area was constructed in 1917 for loading ordnance and was previously identified as Site 20 in the IR Program. This wharf area is no longer present, with the exception of remaining pilings. A second wharf area was constructed in the southern portion of SJCA during World War II. Ordnance loading activities continued until the early

1970s. The wharf was damaged when two ships struck the wharf in 1975; however, it is still functional.

Numerous contacts were identified in the northern wharf area during a site reconnaissance and magnetometer survey; however, contacts indicate all types of metallic objects and do not necessarily indicate the presence of buried ordnance and no visual confirmation of the contacts has been made. A Site Screening Assessment (SSA) conducted using sediment samples collected in the northern wharf area resulted in minimal ecological risks.

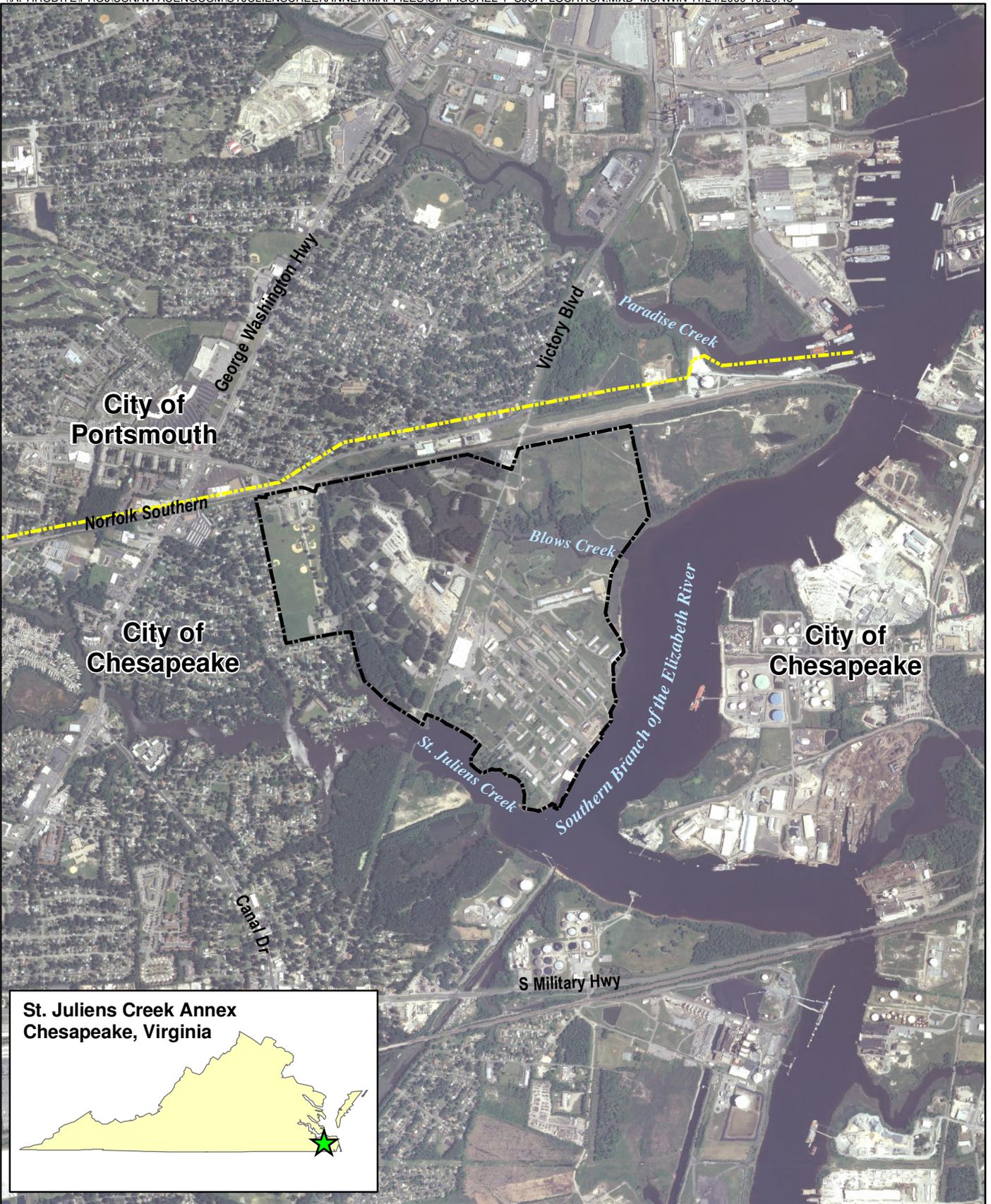
Based on the findings of the SSA, Site 20 was closed with NFA under the IR Program and the site was to be addressed under the Navy's Range Program. The history of the wharf areas indicates a potential explosive safety, human health, or environment risk resulting from potential presence of munitions and explosives of concern (MEC); therefore, in 2008 the wharf areas were identified as Area UXO 0001 and included under the MRP. A Preliminary Assessment (PA) (NUS, 1983) was completed for Area UXO 0001 and recommended further investigation based on anecdotal evidence that munitions may have been dropped during ordnance loading operations. A Site Investigation is currently being planned and will be conducted in two phases beginning this year (CH2M HILL, 2009).

**Table 2-1
Site Status Summary Table
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia**

Site ID	Name/Description	Other ID	Status	Comments	Documentation of Closure
MRP Sites					
Area UXO 0001	Wharf Area Sediments	Residual Ordnance at wharf area; RFA - AOC I; Site 20	PA/SI	PA conducted in FY 2009. SI will be completed FY 2010.	
IRP Sites					
Site 2	Waste Disposal Area B	Dump B; Dump B Incinerator; Dump B Blast Grit; RFA - SWMU 2, SWMU 3, SWMU 4	PP/ROD	Final Site 2 RI completed February 2004; Final Expanded RI completed November 2008; and Final FS submitted October 2009. Draft PP submitted November 2009.	
Site 5	Burning Grounds	RFA - SWMU 8	EE/CA/Removal Action	Final RI completed March 2003; Final Expanded RI Report completed June 2006 recommending additional groundwater sampling; Final EE/CA for NTCRA of Waste/Burnt Soil Area submitted February 2007. Final Expanded RI addendum recommending NFA for groundwater submitted December 2007. NTCRA began December 2007 and is currently ongoing.	
Site 21	Industrial Area	None	RD/RA	Final SI submitted in June 2004; Draft Supplemental SI Report submitted April 2006; RI finalized July 2008. Final FS completed February 2009. Final Interim PP completed July 2009. Final Interim ROD signature in FY 2010. Vapor intrusion investigation ongoing.	
Site 4	Landfill D	Dump D; Old Tanks at Dump D; RFA - SWMU 6, AOC L	Response Complete - LUCs	Final RI completed March 2003; Final FS completed March 2004; PRAP finalized June 2004; ROD signed September 2004, RD submitted November 2004; RA completed in October 2005; RACR signed October 2006. LUCs implemented, site inspections continuing annually.	Final ROD signed September 2004.
Site 1	Waste Disposal Area A	Dump A; RFA - SWMU 1	NFA	Consensus for NFA by Navy, VDEQ, and EPA in November 2002 based on RRR data and September 2002 test pit information.	Consensus for NFA as documented in an Addendum to the SSA in January 2003.
Site 3	Waste Disposal Area C	Dump C; Dump C Waste Disposal Pits; RFA - SWMU 5, SWMU 30	NFA	Final RI completed March 2003; Final EECA/Action Memorandum completed August 2002; Phase I Removal conducted September 2002; Phase II Removal conducted 2004; Final Construction Closeout Report completed March 2003; PRAP finalized January 2005; NFA ROD signed February 2006.	Final NFA ROD signed February 2006.
Site 4	Dumpster Storage at Landfill D	Dumpster storage at Dump D; RFA - SWMU 7	NFA	RFA indicated that the dumpsters were no longer present.	Final ROD signed September 2004.
Site 6	Small Items Pit	Caged Pit, RFA - SWMU 24	NFA	Final RI completed March 2003; Final EE/CA and Action Memorandum completed August 2002; Removal Action completed September 2002; Final Close-Out Report in March 2003; PRAP finalized July 2003; NFA ROD signed September 2003.	NFA Final ROD signed September 2003.
Site 7	Old Storage Yard	Old Storage Yard #1; RFA - SWMU 17	NFA	Consensus for NFA in July 2001 by Navy, VDEQ, and EPA pending debris removal. Debris removal was conducted FY 2002 and is documented in a construction removal document completed FY 2003.	July 2001 Tier I Partnering Meeting Minutes and documented in FFA.
Site 8	Cross and Mine	RFA - SWMU 9; FFA - PSA Site 8	NFA	Final SSA completed April 2002 recommending an SI to further investigate potential release to groundwater; Identified in the FFA as Preliminary Screening Area (FFA Appendix B) March 2004; Final SI completed June 2004 recommending NFA; Consensus for NFA by Navy, VDEQ, and EPA July 2004.	Signature Page in Final SI (June 2004).
Site 9	Pest. Control Bldg. 249	PA - SWMU 13	NFA	Removed/remediated during construction of SIMA facility.	Closed out during the construction of the SIMA building and documented in FFA.
Site 9	Oil Water Separator at Bldg. 249	RFA - SWMU 23	NFA	Removed/remediated during construction of SIMA facility.	Closed out during the construction of the SIMA building and documented in FFA.
Site 9	Washrack Bldg. 249	RFA - SWMU 25	NFA	Removed/remediated during construction of SIMA facility.	Closed out during the construction of the SIMA building and documented in FFA.
Site 10	Waste Disposal at Railroad Tracks	Hazardous Waste Disposal Area at Bldg. 13 (Railroad Tracks); RFA - SWMU 14	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
Site 10	Swale beneath Bldg. 13	RFA - SWMU 31	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
Site 11	Waste Disposal at Building 53 (formerly referenced to Bldg. 266)	RFA - SWMU 15	NFA	Consensus by Navy, VDEQ, and EPA for NFA during a site visit in July 2001 for Site 11 and groundwater underlying site will be investigated as part of Site 21.	Consensus for NFA as documented in the November 2002 SSA.
Site 12	Sand Blast Area Bldg. 323	RFA - SWMU 16	NFA	Removed/remediated during construction of SIMA facility.	Closed out during the construction of the SIMA building and documented in FFA.
Site 13	Waste Generation Area	RFA - SWMU 20	NFA	Removed/remediated during construction of SIMA facility.	Closed out during the construction of the SIMA building and documented in FFA.
Site 14	Washrack Bldg. 266	None	NFA	Removed/remediated during construction of SIMA facility.	Closed out during the construction of the SIMA building and documented in FFA.
Site 15	Fire Training Area	Fire Training Area at Bldg. 271; RFA - SWMU 27	NFA	Will be investigated under the Navy's Underground Storage Tank (UST) program and therefore, NFA under CERCLA consensus by Navy, VDEQ, and EPA in July 2002.	July 2002 Tier I Partnering Meeting Minutes and documented in FFA.
Site 16	DRMO Storage/Salvage Yard	RFA - SWMU 28	NFA	While active, the DRMO does not fall under CERCLA and therefore, NFA under CERCLA consensus by Navy, VDEQ, and EPA in July 2002. Regional inspections are conducted for storm water management.	July 2002 Tier I Partnering Meeting Minutes and documented in FFA.
Site 17	Storage Pad at Building 279	Satellite storage at Bldg. 279; RFA - AOC A	NFA	The roof and walls of Building 278/279 were demolished in early 2003, the flooring and concrete pilings are still in place awaiting final removal. Based upon the proximity to Site 2, consensus in February 2003 by Navy, VDEQ, and EPA that further action related to Site 17 will be addressed as part of Site 2.	February 2003 Tier I Partnering Meeting Minutes and documented in FFA.
Site 18	Blasting Grit at Building 47	RFA - AOC C	NFA	During the July 2001 SJCA Partnering Team site visit, no blast grit was observed in several hand auger borings therefore, consensus for NFA was reached by Navy, VDEQ, and EPA.	Consensus for NFA as documented in the November 2002 SSA.
Site 18	Air Compressor at Bldg. 47	RFA - AOC B	NFA	NFA consensus by Navy, VDEQ, and EPA in July 2002. Regional inspections are conducted for storm water management.	July 2002 Tier I Partnering Meeting Minutes and documented in FFA.
Site 19	Building 190	Residual Ordnance at Bldg. M-5 & 190 RFA - AOC H	NFA	Final SI submitted in June 2004 recommending Supplemental SI to further investigate soil and groundwater; Final Supplemental SI submitted in September 2005 recommending EE/CA for a soil hotspot NTCRA; Final EE/CA for NTCRA submitted in November 2005; Final Action Memorandum signed in January 2006; NTCRA conducted in May 2006; Final Site Closeout Report signed December 2006.	Final Site Closeout Report signed December 2006.
Site 20	Wharf Area Sediments	Residual Ordnance at wharf area; RFA - AOC I; Site 20	NFA	During the July 2001 site visit, the Navy, VDEQ and EPA reached consensus for NFA under CERCLA. Site will be managed under the MR Program.	Consensus for NFA as documented in the November 2002 SSA.
SWMU 10	Hazardous Waste Container Storage Bldg. 254Y	None	NFA	Recommended for NFA in the RFA as SWMU 10 was assigned to RCRA Program as a >90 day storage bunker. Consensus by Navy, VDEQ, and EPA for NFA under CERCLA in July 2002, as SWMU 10 was managed under RCRA.	July 2002 Tier I Partnering Meeting Minutes and documented in FFA.
SWMU 11	Hazardous Waste Container Storage Bldg. 163Y	None	NFA	Recommended for NFA in the RFA as SWMU 11 was assigned to RCRA Program as a >90 day storage bunker. Consensus by Navy, VDEQ, and EPA for NFA under CERCLA in July 2002, as SWMU 11 is managed under the Virginia Hazardous Waste Management Regulations (VHWMR).	July 2002 Tier I Partnering Meeting Minutes and documented in FFA.

**Table 2-1
Site Status Summary Table
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia**

Site ID	Name/Description	Other ID	Status	Comments	Documentation of Closure
SWMU 12	PCB Storage Bldg. 198	None	NFA	Recommended for NFA in the RFA. SWMU 12 is a current storage facility managed under Toxic Substances Control Act (TSCA) therefore, consensus by Navy, VDEQ, and EPA for NFA under CERCLA in July 2002.	July 2002 Tier I Partnering Meeting Minutes and documented in FFA.
SWMU 18	Old Storage Yard # 2	None	NFA	Recommended for NFA in the RFA. Currently in operation and Regional inspections are conducted for storm water management. Consensus by Navy, VDEQ, and EPA for NFA under CERCLA.	FFA
SWMU 19	Old Storage Yard # 3	None	NFA	RFA recommended action for better management practice. A site visit was performed in November 2002 by Navy, VDEQ, and EPA to confirm status and consensus for NFA under CERCLA was reached.	FFA
SWMU 21	Hazardous Waste Accumulation Area (SIMA # 2)	None	NFA	The RFA recommended NFA for this SWMU. A site visit was performed in November 2002 by Navy, VDEQ, and EPA to confirm status and consensus for NFA under CERCLA was reached. The Navy submitted a closure notification letter to VDEQ for SWMU 21.	Closure letter submitted to VDEQ and documented in FFA.
SWMU 22	Repair Shop Satellite Storage Area NE of Bldg. 40	None	NFA	The RFA recommended NFA for this SWMU. A site visit was performed in November 2002 by Navy, VDEQ, and EPA to confirm status and consensus for NFA under CERCLA was reached. The Navy submitted a closure notification letter to VDEQ for SWMU 22.	Closure letter submitted to VDEQ and documented in FFA.
SWMU 26	Scrap Metal Storage in Railroad Cars near Bldg. 176	None	NFA	Based on a site visit in November 2002, NFA consensus was reached by Navy, VDEQ, and EPA, as the SWMU is managed under RCRA.	FFA
SWMU 29	Dumpsters (throughout the facility)	None	NFA	Based on a site visit in November 2002, NFA consensus was reached by Navy, VDEQ, and EPA, as the SWMU is managed under RCRA.	FFA
SWMU 32	Overland Drainage Ditches	None	NFA	Navy, VDEQ, and EPA reached consensus for NFA under CERCLA, as drainage ditches associated with individual sites, AOCs, or SWMUs will be investigated on a site-specific basis. Site-specific investigations will identify the exact boundaries of the drainage ditch and samples will be collected at all locations where there is either visible evidence of release or suspicion that past releases may have occurred.	FFA
SWMU 33	Sewer Drainage System	None	NFA	Navy, VDEQ, and EPA reached consensus for NFA under CERCLA, as the sewer drainage system associated with individual sites, AOCs, or SWMUs will be investigated on a site-specific basis. Site-specific investigations will include evaluating the integrity of the subsurface system and may include soil sampling to determine if hazardous constituents have been released.	FFA
SWMU 34	Operational Waste Accumulation Areas	None	NFA	Based on a site visit in November 2002, NFA consensus was reached by Navy, VDEQ, and EPA, as the SWMU is managed under RCRA.	FFA
AOC D	Storm Water Outfalls	None	NFA	Navy, VDEQ, and EPA reached consensus for NFA under CERCLA, as the storm water outfalls will be investigated under CERCLA on a site-specific basis. Site-specific investigations may include sampling various outfalls to determine whether there has been a release of hazardous constituents.	FFA
AOC E	Temporary Pump Storage	None	NFA	AOC E was remediated during a removal action conducted as part of the SIMA facility construction. Therefore, the SJCA Partnering Team reached consensus for NFA for AOC E based on the removal action.	Closed out during the construction of the SIMA building and documented in FFA.
AOC F	Underground Storage Tanks	None	NFA	Navy, VDEQ, and EPA reached consensus for NFA under CERCLA in July 2002, as AOC F is managed under the Navy's UST Program.	July 2002 Tier I Partnering Meeting Minutes and documented in FFA.
AOC G	Former Process Buildings	None	NFA	Navy, VDEQ, and EPA reached consensus for NFA under CERCLA in July 2002 however, as new information becomes available on the locations and processes conducted at former process buildings, the SJCA Partnering Team will determine if new AOCs should be added. Any former process buildings identified for further evaluation will be evaluated on a site-specific basis.	July 2002 Tier I Partnering Meeting Minutes and documented in FFA.
AOC J	Former Ammunition Manufacturing Areas	None	NFA	Navy, VDEQ, and EPA reached consensus for NFA under CERCLA, however, as new information becomes available on the manufacturing areas, the SJCA Partnering Team will determine if new AOCs should be added. Any former ammunition manufacturing areas identified for further evaluation will be evaluated on a site-specific basis.	FFA
AOC K	Former Sewage Treatment Plant	FFA - SSA AOC K	NFA	Identified in the FFA as Site Screening Area (FFA Appendix A) March 2004; Final SSA completed June 2004 recommending NFA; Consensus for NFA by Navy, VDEQ, and EPA July 2004.	Signature Page in Final SSA Addendum (June 2004).
EPIC AOC 1	E Street and Marsh Road Ground Scarring	AOC 1; FFA - PSA AOC 1	NFA	Final SSA completed April 2002 recommending an SI to further investigate soil; Identified in the FFA as Preliminary Screening Area (FFA Appendix B) March 2004; Final SI completed June 2004 recommending NFA; Consensus for NFA by Navy, VDEQ, and EPA July 2004.	Signature Page in Final SI (June 2004).
EPIC AOC 2	Piers in front of Building 83	AOC 2	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 3	Ground Scarring at Building M5	AOC 3	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 4	Parking Area South of Building M-1	AOC 4	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 5	Possible Soil Staining Between Buildings 87 and 88	AOC 5	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 6	Ground Scarring East of Site 2	AOC 6	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 7	City of Portsmouth Outgrant Area	AOC 7	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 8	Possible Waste Disposal/Bulk Storage Area	AOC 8	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 9	Ground Scarring Southwest of Building 74	AOC 9	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 10	Ground Scarring in Wharf Area	AOC 10	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 11	Open Storage Area Northeast of Building 55	AOC 11	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
EPIC AOC 12	Sandy Flat	AOC 12	NFA	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	Consensus for NFA as documented in the November 2002 SSA.
AOC 13	PCP Dip Tank	AOC 13; FFA - SSA AOC 13	NFA	Identified in the FFA as Site Screening Area (FFA Appendix A) March 2004; Final SSA completed June 2004 recommending NFA; Consensus for NFA by Navy, VDEQ, and EPA July 2004.	Signature Page in Final SSA Addendum (June 2004).
AOC 14	Building 89	AOC 14; FFA - SSA AOC 14	NFA	Identified in the FFA as Site Screening Area (FFA Appendix A) March 2004; Final SSA completed June 2004 recommending NFA; Consensus for NFA by Navy, VDEQ, and EPA July 2004.	Signature Page in Final SSA Addendum (June 2004).



Legend
- - - SJCA Boundary
- - - City Boundaries

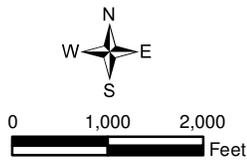


Figure 2-1
Location of St. Juliens Creek Annex
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia

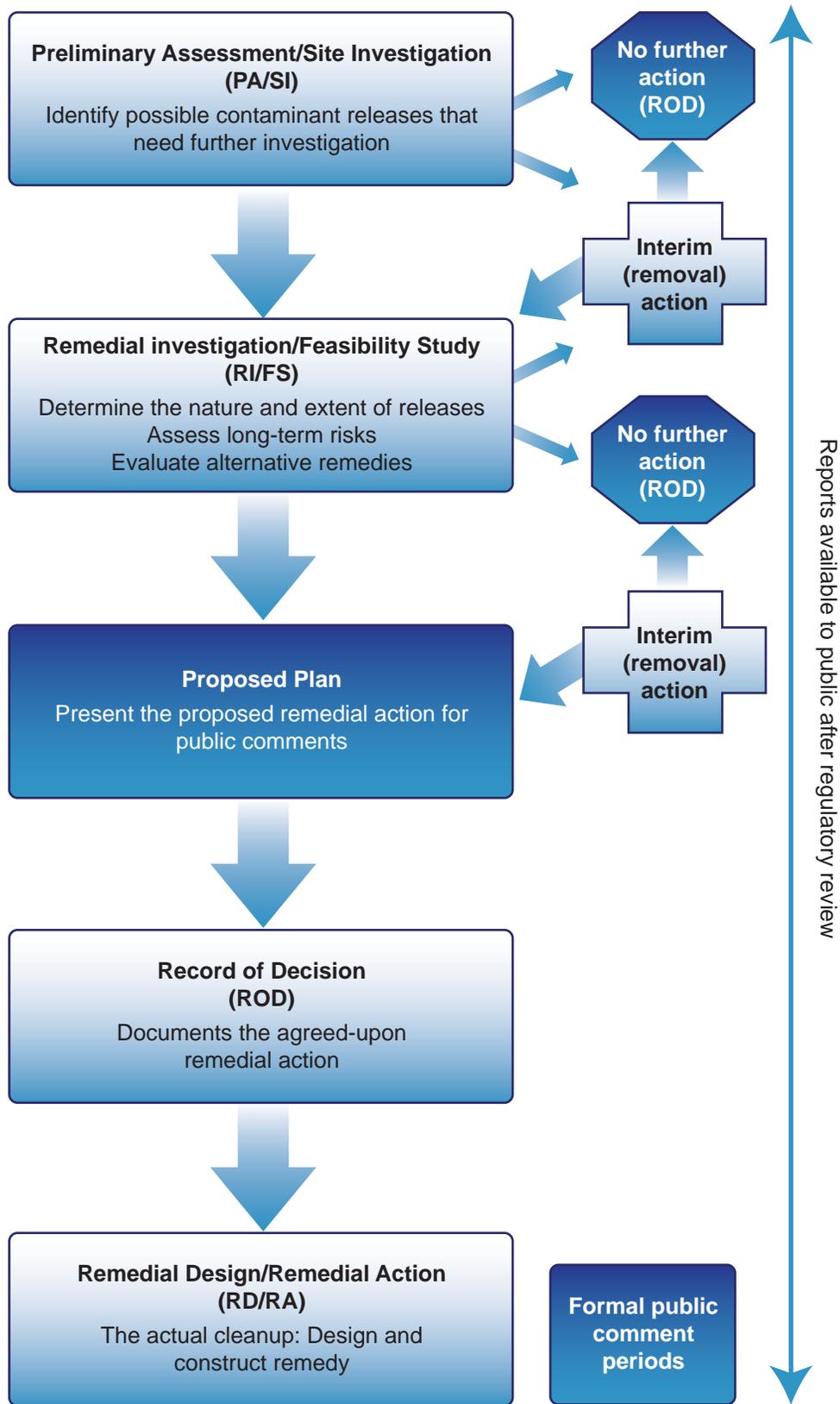
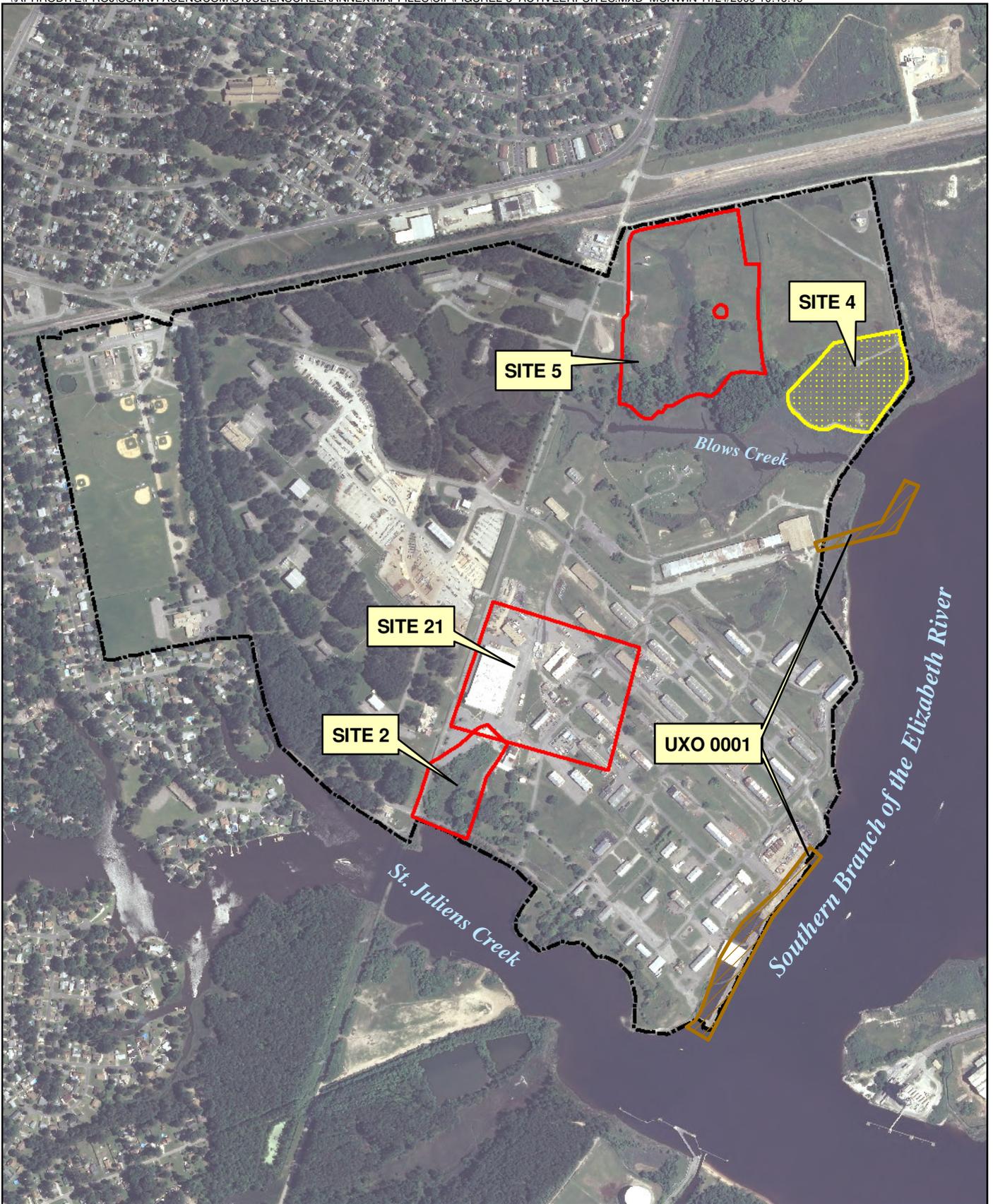


FIGURE 2-2
 CERCLA Process
 Community Involvement Plan
 St. Juliens Creek Annex
 Chesapeake, Virginia



Legend

-  SJCA Boundary
-  IRP Sites with Active Investigation or Remediation
-  IRP Sites with Land Use Controls
-  MRP Sites with Active Investigation or Remediation

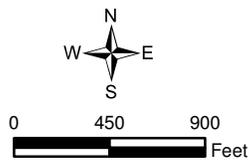
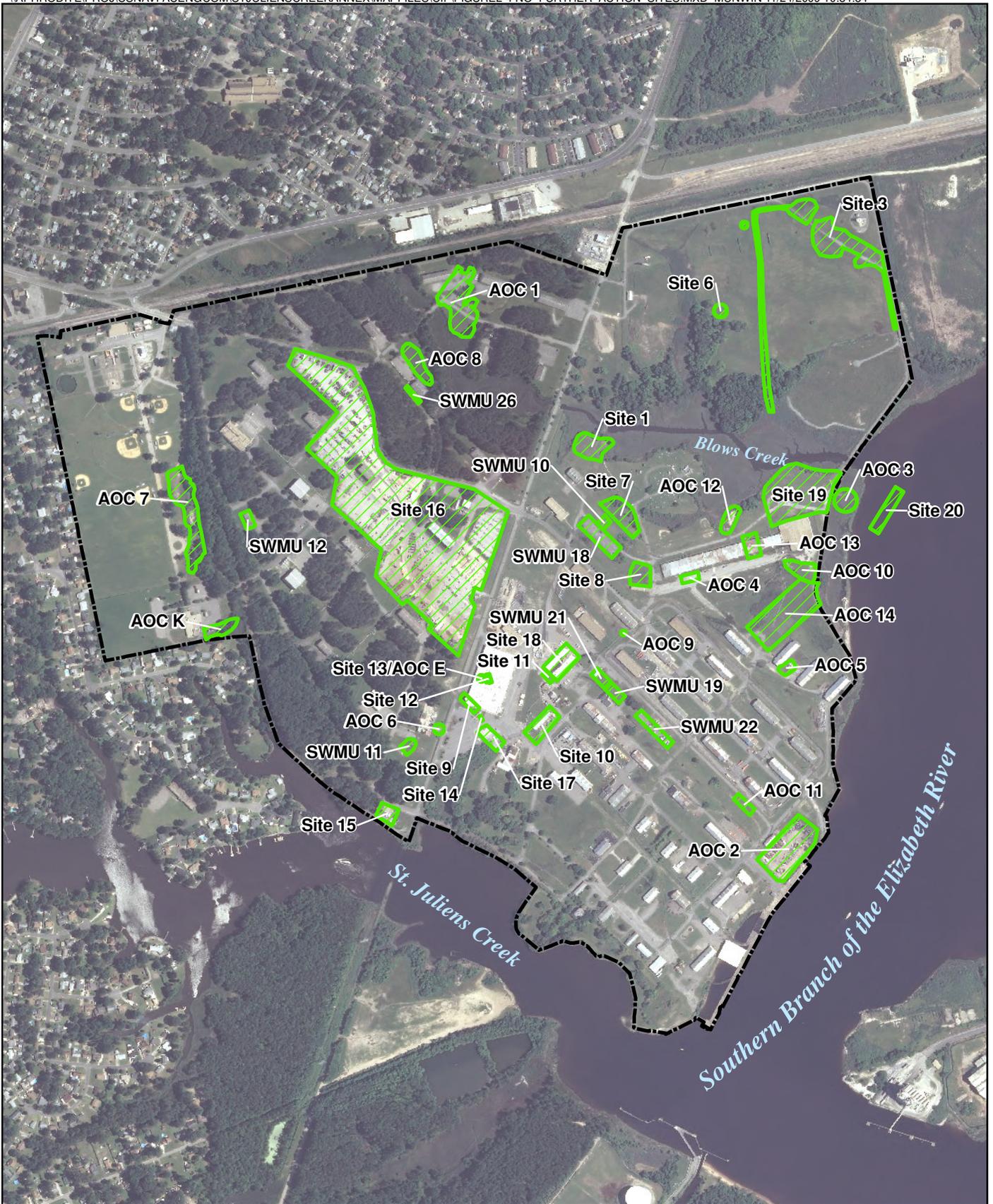


Figure 2-3
Location of Active ERP Sites
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia



Legend

-  SJCA Boundary
-  Response Complete - NFA Sites



Figure 2-4
Location of NFA Sites, SWMUs, and AOCs
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia

Community Overview

3.1 Community Profile

SJCA is located in the Deep Creek borough of the City of Chesapeake, Virginia and is bounded on the north by the City of Portsmouth, Virginia. The land use immediately surrounding SJCA is primarily residential, with smaller areas of commercial, industrial, and public use. The Southern Branch of the Elizabeth River is used for boating and recreational (catch and release) fishing and is home to a number of industries which use the water body for shipping. St. Juliens Creek is also used for recreational fishing. Land use surrounding SJCA is depicted on [Figure 3-1](#). Specific neighborhoods and schools in the vicinity of SJCA are shown on [Figure 3-2](#).

The overall population of the City of Chesapeake has increased in recent years, rising from 199,184 people in 2000 to 220,111 in 2008 (U.S. Census Bureau, 2009a). This 10.5 percent growth in population is most likely due to the construction of a number of new housing developments on farmland in the southern parts of the city and the creation of new jobs within the City of Chesapeake and in the City of Virginia Beach, which lies to the east of Chesapeake. The overall population of Portsmouth has remained stable in recent years. In 2000, the population was 100,565, compared to 100,577 in 2008.

The majority of residents in the City of Chesapeake are white/non-hispanic (63.8 percent), with a small percentage of African American (29.7 percent), Asian (2.3 percent), and other racial backgrounds (4.2 percent). The majority of residents of the City of Portsmouth are African American (50.9 percent) or white/non-hispanic (43.6 percent). Latino (2.5 percent) and several other racial backgrounds (3 percent) represent the remaining population of the City of Portsmouth (U.S. Census Bureau, 2009b).

In 2008, the total number of housing units in Chesapeake was 82,016 with the average household size of 2.74 persons. The homeownership rate was 74.3 percent. Seven percent of people were below poverty levels in 2008. In Portsmouth the total number of housing units was 42,839 with the average household size of 2.51 persons. The homeownership rate was 61.6 percent and 14.9 percent of people were below poverty levels (U.S. Census Bureau, 2009a;b).

The median age of residents of the City of Chesapeake and City of Portsmouth are 36.1 and 34.4 years, respectively. In both cities, 74.1 percent of residents are 18 years or older. The percentage of residents 65 years and older is approximately 9.7 percent in Chesapeake and 13 percent in Portsmouth (U.S. Census Bureau, 2009a;b).

In the City of Chesapeake, 70.2 percent of residents are in the work force (ages 16 and older). In the City of Portsmouth, 65.7 percent of residents are in the work force. [Table 3-1](#) shows the principal types of employment in the Cities of Chesapeake and Portsmouth. [Appendix B](#) provides a list of major employers for the Cities of Chesapeake and Portsmouth.

The Chesapeake Public School System currently serves a student population of approximately 50,000 who attend 28 elementary schools, 10 middle schools, and seven high schools. Chesapeake has the seventh largest school system in Virginia. The dropout rate is 2.7 percent. The Chesapeake Campus of Tidewater Community College, a 2-year institution which offers occupational and technical programs, represents the only post-secondary educational facility in the city. Approximately 13,300 students attended the Chesapeake Campus in 2007 to 2008. The percentage of residents of the City of Chesapeake with 4-year college degrees is 15.97 percent, slightly greater than the national average of 15.16 percent (Sperlings Best Places, 2009).

The Portsmouth Public School system currently serves a student population of approximately 22,000 who attend 14 elementary schools, three middle schools, and three high schools (Portsmouth Public Schools, 2009). Portsmouth has a dropout rate of approximately 18 percent. (Garrow, 2009). The Portsmouth Campus of Tidewater Community College, which is planned to open January 2010, is expected to initially serve some 8,000 students. Additionally, the Visual Arts Center of Tidewater Community College, which offers degree programs in Graphic Design and Studio Art is located in Old Towne Portsmouth and serves an additional 900 students (TCC, 2009). The percentage of residents of the City of Portsmouth with 4-year college degrees is 9.34 percent.

3.2 History of Community Involvement

A Restoration Advisory Board (RAB) was established for the SJCA ERP in 1999 to assist in allowing the community to become informed about and involved in environmental restoration activities at SJCA. Many community members first became aware of environmental concerns at SJCA by attending the kickoff meeting of the RAB, which was held on December 7, 1999, at the Holiday Inn Portsmouth Olde Towne. The initial items of concern raised by attendees of the first RAB meeting were:

- Types of sites at SJCA
- Potential contamination along the waterfront
- The NPL process
- Investigation of St. Juliens Creek

Currently, RAB meetings are held twice a year to keep the community informed of environmental issues at SJCA. Participation in the RAB meetings and interest in the ERP is generally low to moderate. This may be due to the reduction in activity at SJCA.

The Navy completed its first CRP (now CIP) in 2000 (CDM Federal, 2000). In order to support the 2000 CRP, Navy officials conducted community interviews with local residents, city officials, Navy and civilian personnel at SJCA and its work locations, and other interested parties in February 2000. Primary concerns and opinions noted in the 2000 CRP included:

- Concerns over funding for environmental cleanup and that some cleanup steps may be skipped because of financial constraints.
- Concerns over the water in St. Juliens Creek, specifically the consumption of fish and shellfish from the creek and the potential for contaminated sediments.

- Concerns regarding the water in the Southern Branch of the Elizabeth River and flooding issues due to excess sediment accumulation.
- Concerns over discussions about a light industrial park at SJCA. Nearby residents do not want any type of new industrial activity on St. Juliens Creek.
- Concerns over cleaning up area wetlands.

Those persons who completed the survey were confident in the credibility and ability of the Navy to meet its ERP objectives and several expressed compliments regarding the Base personnel's professionalism. The public was generally supportive of the activities being conducted under the ERP.

For the 2005 CIP update, 16 members of the community were surveyed between January and May 2005. The community surveys were conducted with people who represent a broad cross-section of the community surrounding SJCA. Primary concerns noted in the 2005 CIP Update included:

- Lack of knowledge of the ERP and RAB.
- Lack of funding; however, it was expressed that the Navy did a good job with the funds that were allocated for cleanup.

More detailed information about the community involvement program for SJCA is included in **Section 4**.

3.3 Process to Assess Current Community Perceptions

To learn how the public would like to be further involved in the ERP process at SJCA, this CIP update was prepared. In preparation for this CIP update the following steps were taken in October/November 2009 to increase awareness and solicit public opinion:

- Written surveys were mailed to nine community members
- Five community members were invited for an interview
- Four additional community members were both mailed a survey and invited for an interview
- Fact sheets were distributed describing past and current ERP activities at SJCA

A total of four surveys were returned from two local residents, one Base employee, and one active RAB member. Five Base employees and the RAB member who returned the survey were interviewed. Interviews were conducted either in person or over the phone. A sample of the written survey and interview questions are contained in [Appendix C](#). [Appendix D](#) contains the results of the community surveys including the written comments that were provided. [Appendix E](#) contains the Fact Sheet that was distributed with the written surveys.

3.4 Survey and Interview Responses

3.4.1 Survey Response Summary

The following are highlights of the results of the written community surveys.

- The Bases' relationship with the community was rated between "satisfactory" and "excellent."
- The public's attitude toward the Base was rated as satisfactory by all (four of four) of the participants.
- Three of the four respondents felt that the relationship between SJCA and the community needs to be improved.
- All respondents were aware of or concerned about the environmental issues at SJCA.
- Three of the four respondents felt that the environmental contamination at SJCA had affected the community (including: health, environmental impacts, economic loss, quality of life, and perception of the community) and one person did not respond to the question.
- The major concerns were water quality, air quality, waste dumping, former burning activities, and cleanup at Sites 2 and 21.
- Three of the four respondents have not seen newspaper announcements for public meetings concerning SJCA.
- All respondents are aware of the RAB meetings, and three of the four respondents have attended at least one meeting.
- Three of the four respondents were aware of the SJCA information repository at Major Hillard Library and all of them felt this was a convenient location.
- All respondents would like to receive more information about environmental cleanup at SJCA. Two of the respondents would like to receive information quarterly and the other two would like to receive information annually.
- Three of the four respondents would like to receive updates via e-mail or Web sites, and one would like to receive information by newsletter (one respondent would like to receive information by e-mail, Web sites, and newsletters).
- Three of the four respondents felt that the public has confidence in the ability of the Navy and its contractors to investigate and clean up the former waste disposal sites at the Base.
- All of the respondents were aware that discarded military munitions have been found at SJCA and removed.
- Concern about discarded military munitions ranged from not very concerned to very concerned.

3.4.2 Interview Response Summary

The telephone and personal interviews revealed the following:

- Of the Base personnel interviewed, all had worked at the Base for 8 or more years, with the longest period of employment being 22 years.
- Many of the respondents felt that the local community is not very knowledgeable of what goes on at the Base.
- Some of the respondents felt that SJCA has a fair relationship with the community.
- All of the interviewees had at least vague knowledge of the ERP at SJCA. One interview expressed that he attended RAB meetings and had a fair amount of knowledge about the program, but other interviewees had very general knowledge that “cleanup sites exist.”
- Three of the respondents felt that there may have been activities in the SJCA area that may have affected the environment. These included the following:
 - “By the SIMA building, parts of ordnance [were] uncovered during rainstorms near the inlet. PCB storage exists. RR track lubrication maintenance.”
 - “Back when SIMA people were here, there were no problems. This information is known and well-documented. They worked [in] ‘yellow gear’ equipment on aircraft and had a paint-spray booth and did sand-blasting. They used sandblast grit to fill in some wetlands areas.”
- None of the respondents were aware of any complaints, violations, or other incidents related to SJCA activities or any of the specific sites on SJCA that required action by their offices.
- None of the interviewees felt that environmental investigation and cleanup activities had affected the Base activities or the surrounding community. One interviewee noted that SJCA had “done a good job with restoration” and other noted, “Program is making headway but much effort was drawn out.”
- None of the respondents were aware of any community concerns regarding SJCA or its operation and administration (two did not answer the question).
- None of the respondents were aware of any events, incidents, or activities at SJCA that required responses from local authorities.
- All but one interviewee felt that they were well informed about SJCA’s environmental investigations and cleanup activities and progress. One interviewee commented that “The contractors for the vapor intrusion investigation in Building 1556 were very professional and the project was well-planned.”
- Respondents indicated that they received their information about cleanup through RAB meetings, mailings, and signs around the Base.
- A few of the respondents indicated that any cleanup the Navy was doing was a positive thing.

3.4.3 Summary of Community Surveys and Interviews

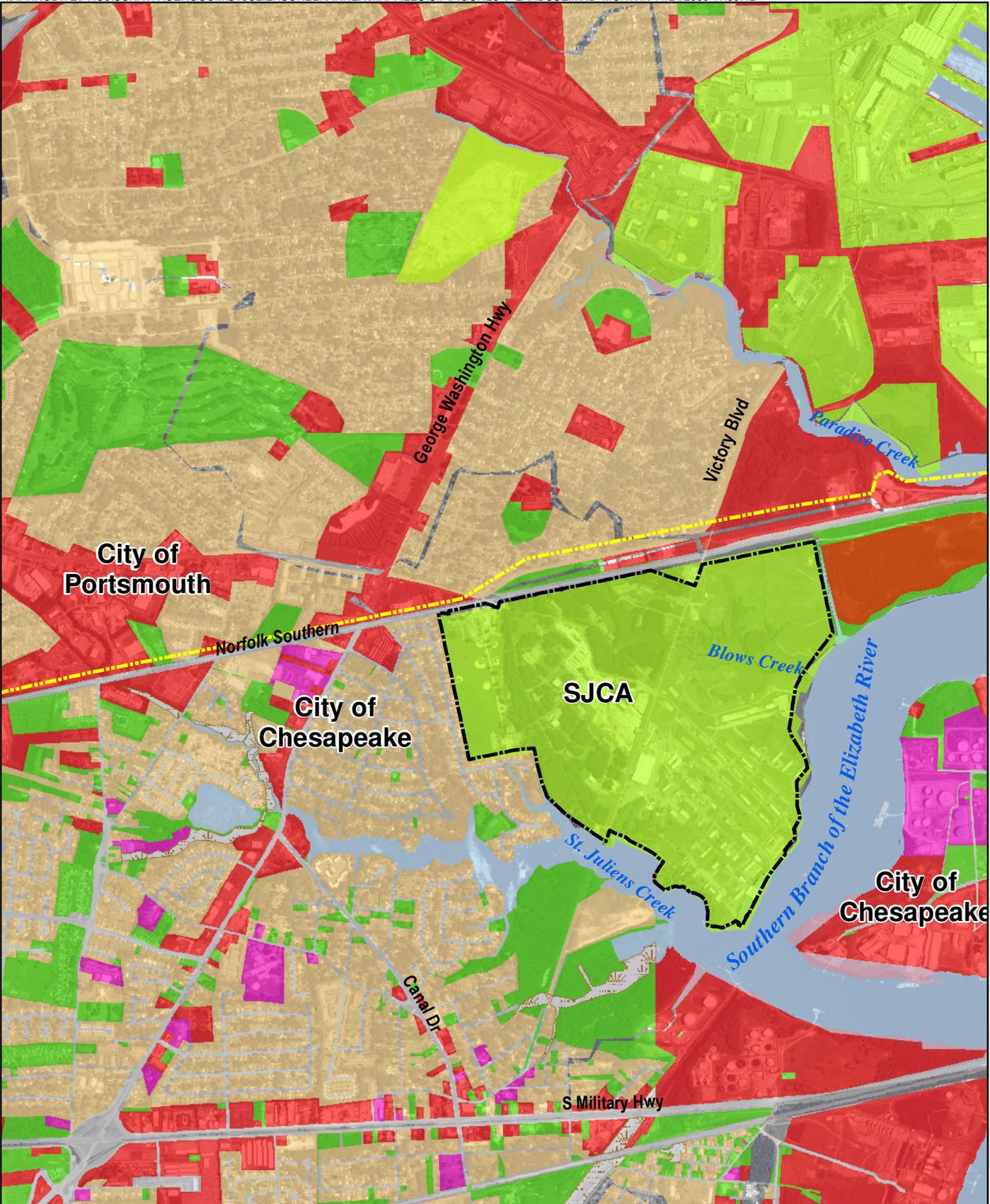
In summary, both the written survey responses and the results of the personal interviews revealed the following:

- Local residents and Base personnel are generally, but not specifically, aware of environmental contamination on the Base and activities to address the contamination.
- The local community generally trusts the Navy to conduct environmental cleanup and feels that the Navy has a satisfactory relationship with the public. The one respondent who did not feel that the public had confidence in the Navy to clean up the former waste disposal sites at the Base said it was because of a long history of government cover-ups and bad press.
- Respondents and interviewees would like to receive more information about the ERP at SJCA.

The above comments are similar comments to ones that had been expressed in the 2000 CRP (CDM Federal, 2000) and 2006 CIP (CH2M HILL, 2006). The severity of concern over potential contamination in the St. Juliens Creek and the Elizabeth River seems to have somewhat diminished from the 2000 CRP.

Table 3-1
Principal Types of Employment in Chesapeake and Portsmouth
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia

Types of employment	City of Chesapeake	City of Portsmouth
Management, professional, and related occupations	35.60%	27.70%
Sales and office occupations	27.50%	27.80%
Educational, health, and social services	21.40%	20.70%
Service occupations	13.70%	16.70%
Construction, extraction, and maintenance occupations	11.50%	12.80%
Production, transportation, and material moving occupations	11.50%	14.70%
Retail trade	11.40%	11.90%
Manufacturing	10.70%	14%
Military	4.20%	5.80%



- Legend**
- | | |
|-----------------------|-------------|
| SJCA Boundary | Undeveloped |
| City Boundaries | Wetlands |
| Industrial/Commercial | Water |
| Public | Navy |
| Residential | Roads |

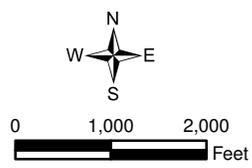
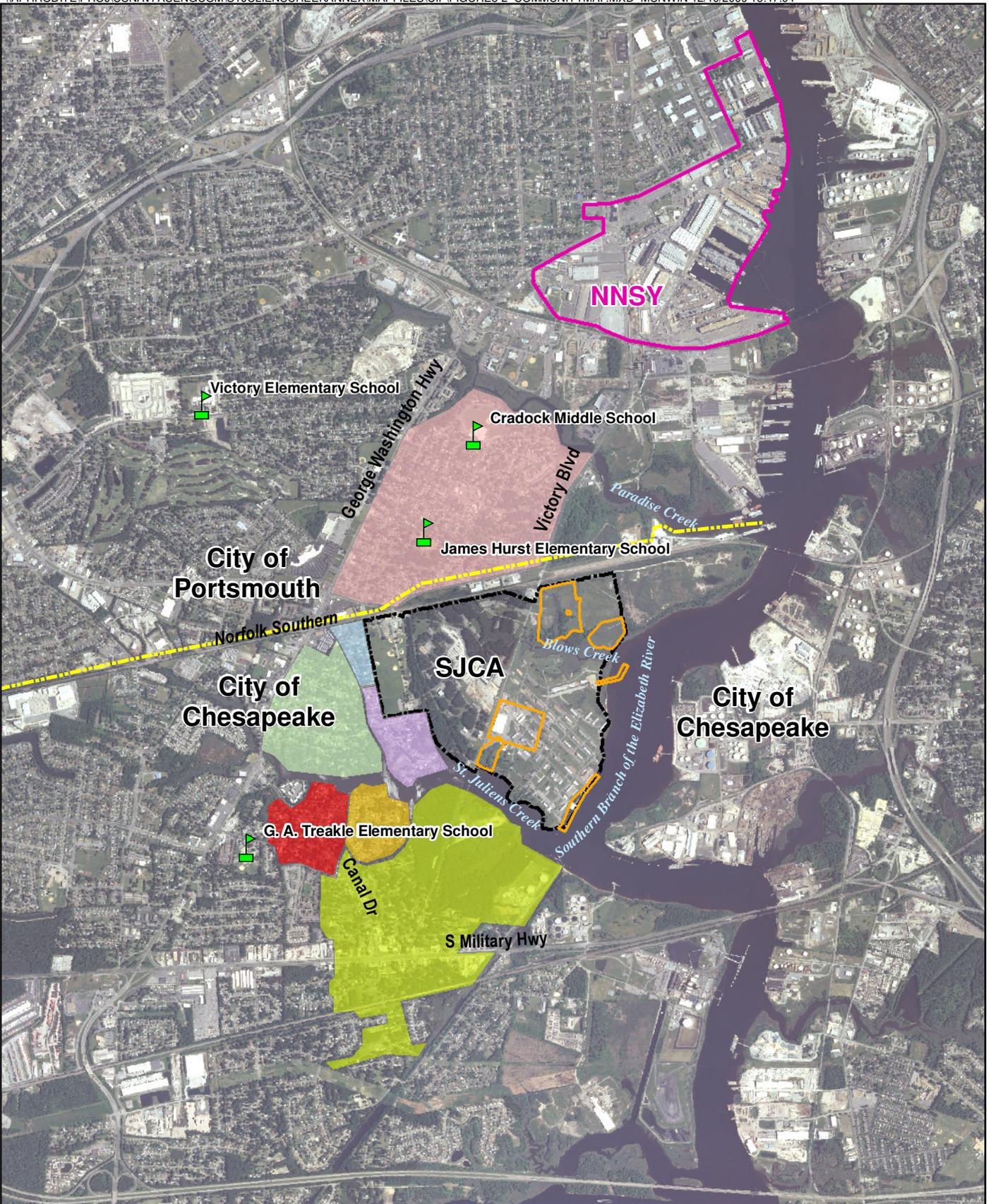


Figure 3-1
Land Use
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia



Legend

- SJCA Boundary
- NNSY Boundary
- City Boundaries
- School
- Site Boundaries
- Brentwood
- Broadmoor
- Cradock
- Geneva Park
- Geneva Shores
- Glen Isle
- Old Farm

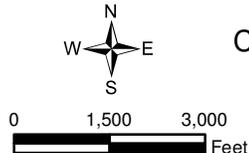


Figure 3-2
Community Map
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia

Community Involvement Program

During the community survey process, the Navy determined the types of information community members want to receive and how the Navy could best provide the desired information. This section provides details of the community involvement activities currently being conducted for SJCA and the changes and additions that will be implemented based on the results of the 2009 community surveys and interviews described in **Section 3.3** and in accordance with the Community Involvement Program goals identified in **Section 1.2**.

4.1 Keep the Community Informed

4.1.1 Designate Navy Contacts

Objective

To provide POCs for distribution of accurate, timely, and easy-to-understand information to community members seeking information about the ERPs at SJCA.

Method

The Navy has identified Mr. Jeffrey Cunningham as the Acting SJCA PAO. In this role, Mr. Cunningham serves as the central information source for public and media inquiries. As key spokesperson, he will answer telephone calls and respond to written inquiries about site activities. He will keep a logbook of all citizen requests and comments and how each one was handled to ensure a documented record of community response. Mr. Cunningham may be reached at (757) 396-8122.

Additionally, the Navy has assigned Mr. Walter Bell from NAVFAC Mid-Atlantic as the Remedial Project Manager (RPM) for the investigation and cleanup of the SJCA ERP sites. Community members and other interested parties may contact Mr. Bell at (757) 445-6638 with inquiries about the ongoing and upcoming field activities, site restorations, inspections, and anticipated schedules. The contact information is provided on the SJCA ERP Web site (<http://public.lantops-ir.org/sites/public/sjca/>) and updated as necessary. **Appendix A** also lists complete addresses for these Navy contacts.

Timing

The Acting PAO, Mr. Cunningham, is currently available to receive telephone calls and to respond to written inquiries. Additionally, the NAVFAC RPM, Mr. Bell, is also available to receive calls and inquiries. The contact information of these individuals is provided on the ERP Web site.

4.1.2 Provide Up-to-Date Information on the Internet

Objective

To enable community members to access key information about CERCLA in general and more detailed information about the ERPs at SJCA on their own time and at minimal expense.

Method

The Navy developed a public Web site for SJCA to provide accurate, timely, and comprehensive information on the ERP activities in 2003. The site (<http://public.lantops-ir.org/sites/public/sjca/>) is currently being transitioned to a new portal https://portal.navfac.navy.mil/portal/page/portal/navfac/navfac_ww_pp/navfac_hq_pp/navfac_env_pp/env_restoration_installations/lant/midlant/sjca. This Web site is updated as new information becomes available and provides web links to additional environmental resources. The results of the community interviews indicate that people would like to be able to get information about the ERP at SJCA by checking the Web site. Therefore, the Navy will continue to update its Web site when significant actions occur. Additionally, the Web site information will be updated to reflect any changes in the site contact information should it occur. Documents such as fact sheets, this updated CIP, the Five-Year Review, RAB meeting minutes and presentations, and other documents of interest to the public will also be posted on the Web site. Documents that are available for public comment, such as EE/CAs and Proposed Plans, will be made available as .pdf files for download through the Web site, with information about the public comment period clearly identified. It should be understood that due to security constraints the Navy may not be able to post all relevant site information but efforts will be made to post information that has already been made public in other ways.

In addition, USEPA maintains site information specific to SJCA on the internet at (USEPA, 2009c). General information about USEPA and CERCLA can be found at the USEPA Web site (<http://www.epa.gov>). Links to these sites are provided on the SJCA Web site.

Timing

The Web site has been updated with the Acting PAO and NAVFAC RPM. The site generally will be updated around the RAB meetings (spring and fall); however, interim updates will occur when there is a significant action (e.g., Proposed Plans, Five-Year Review, EE/CAs, POC).

4.1.3 Maintain a Mailing List

Objective

To facilitate the distribution of site-specific information to everyone who needs or wants to be kept informed about the ERP at SJCA.

Method

The Navy has been maintaining a mailing list for the RAB, which is used to publicize RAB meetings and public meetings. In addition to the public notice published in the local newspapers, RAB members and interested parties receive notification of the RAB meeting and minutes by regular mail. Additional individuals asked to receive more information about ERP activities at SJCA as a result of interest from the written surveys and interviews and have been added to the mailing list. The mailing list contains some electronic (e-mail) addresses as well as mailing addresses. Mailings will be used to invite interested members of the public to RAB meetings and other public meetings and provide updates of the ERP. Interested citizen and groups will be added to the list upon request.

Timing

The Navy will begin working on updating the mailing list immediately and will revise it periodically to keep it current.

4.1.4 Maintain the Information Repository

Objective

To provide convenient access to site-related information for community members.

Method

The Navy has established an information repository file at:

Major Hillard Library
824 Old George Washington Highway, N.
Chesapeake, Virginia 23323
(757) 410-7078

Documents in the repository are available for public inspection during normal library hours. The repository is accessible to the physically challenged, has copier facilities, and Internet access. Hours of operation are as follows:

Monday–Thursday	9:00 a.m. to 9:00 p.m.
Friday–Saturday	9:00 a.m. to 5:00 p.m.
Sunday	1:00 p.m. to 5:00 p.m.

The repository consists of a reference collection of general and SJCA ERP site information including documents for public review, the CIP, Superfund information, and fact sheets. The Navy adds new documents as they become available. The location of the repository will be included in public notices and fact sheets, as appropriate. Every fact sheet and public notice that is issued about SJCA ERPs should identify the location of the information repository.

Timing

The Navy will add new documents when appropriate and as they become available, and will remove outdated material as needed. The Navy visits the information repository to verify that the information contained there-in is current. The information repository is maintained at a minimum semi-annually and as needed for documents available for public comment.

4.1.5 Maintain the Administrative Record File

Objective

To provide residents with a "paper trail" (e.g., documents, resources) used by the RPM and SJCA Tier I Partnering Team in reaching all decisions about the ERP sites and cleanup decisions.

Method

The Navy established an Administrative Record file for SJCA at the initiation of CERCLA activities. The file includes all documents and resources used by the SJCA Tier I Partnering Team and the public to reach decisions about the site and cleanup.

The Administrative Record file for SJCA is maintained at NAVFAC. For access to the file, contact the Acting SJCA PAO, Mr. Jeffrey Cunningham. A listing of all the documents contained in the file is available on the SJCA ERP Web site (<http://public.lantops-ir.org/sites/public/sjca/>) and at (https://portal.navy.mil/portal/page/portal/navfac/navfac_ww_pp/navfac_hq_pp/navfac_env_pp/env_restoration_installations/lant/midlant/sjca) and is updated monthly.

Timing

The Administrative Record was opened as soon as site investigations began and it will remain open until the last ROD has been signed. After the last ROD has been signed, the Administrative Record may be closed but a records file may remain open for post-ROD documents, such as the Five-Year Review. Instead, the Navy may choose to keep the Administrative Record open until the Base has been de-listed from the NPL. The Navy will continue to update the Administrative Record file as needed and as new information becomes available, and will update the index available on the Web site and in the information repository twice a year or more often, as needed.

4.1.6 Prepare and Distribute Fact Sheets

Objective

To provide stakeholders with current, accurate, easy-to-understand information about the Navy's environmental investigations and munitions response activities at SJCA.

Method

Fact sheets will be issued as needed through the course of environmental activities (e.g., after completion of any Remedial Design, prior to the initiation of a remedial action). Fact sheets are available at the information repository. Additionally, fact sheets were distributed along with the written surveys in October for this CIP and were sent to one interviewee upon request.

Timing

SJCA ERP and public affairs staff will continue to develop required fact sheets, such as for completion of a Remedial Design. For proposed remedial actions that require a public comment period, the Proposed Plan is a summary document that serves the function of a fact sheet. Fact sheets will be made available at all RAB meetings, including the RAB scheduled for the spring of 2010. In the near future, updated fact sheets will be placed in the information repository and outdated ones removed. Additionally, fact sheets will be distributed when the Navy attends a community meeting to solicit interest in the RAB.

4.2 Provide Opportunities for Public Involvement

4.2.1 Attend a Community Meeting

Objective

Inform community members about the ERP activities at SJCA and increase awareness and attendance of RAB meetings.

Method

The Navy will identify and attend a community meeting (e.g., local neighborhood civic league meeting) to talk with local residents and to invite them to upcoming RAB meetings.

Timing

The Navy will attend a community meeting in the spring or summer of 2010.

4.2.2 Restoration Advisory Board Meetings

Objective

To provide a forum for gaining effective input from stakeholders on cleanup activities and increasing installation responsiveness to the community's concerns about the ERP.

Method

The cornerstone of community involvement for the SJCA ERP is the RAB. The RAB was first established at SJCA in December 1999 and the Navy will continue its active role in the SJCA RAB. The SJCA RAB is an advisory board made up of community members and government officials representing the Navy, the USEPA, and the VDEQ. The RAB is designed to function as a focal point for a continual exchange of information, concerns, values, and needs between the local community and the SJCA ERP. RAB meetings enable the members to gain a better understanding of technical data, investigation results, potential human health and environmental effects, and remedial action alternatives evaluation.

The community's knowledge of environmental activities, as well as Navy awareness of community interests and concerns, has been advanced through active public involvement with the SJCA RAB. The relationships formed during the RAB are the foundation for fostering trust and creating an effective community involvement program.

The SJCA RAB is co-chaired by a Navy representative and a community member, who is elected by other community members. Currently the community co-chair is Mr. Robert Mann. A current list of the SJCA RAB contacts is provided in [Appendix A](#). The RAB meets on a regular basis, currently twice a year or as deemed appropriate by the members, to ensure the RAB members are kept informed of ongoing activities. All RAB meetings are open to the public and are held at Major Hillard Library, where the information repository is also kept. Members are notified via email and a meeting announcement is advertised in *The Virginian-Pilot* and posted on the SJCA ERP Web site. The most recent RAB meeting, conducted in August 2009, had 10 people in attendance, including personnel from NAVFAC Mid-Atlantic, USEPA, VDEQ, CH2M HILL, Shaw Environmental, Inc., Elizabeth River Project, and Public Works Department Portsmouth. The Navy is currently implementing actions to increase awareness and interest in the RAB. The Navy will mail out invitation letters to key community members as well as attend a community meeting to invite community members to the RAB (**Section 4.1.5**).

Meeting minutes are prepared for each RAB meeting and include a list of the attendees, a complete and accurate description of topics discussed and opinions voiced, and copies of all reports received. The minutes are made available to the public on the SJCA ERP Web site and are placed in the information repository.

Timing

The SJCA RAB was established in December 1999. The Navy will continue to maintain the RAB and hold RAB meetings twice a year, or more often if necessary. The Navy will be distributing RAB invitation letters in the late winter to early spring of 2010.

Provide Technical Assistance for Public Participation

Objective To provide a mechanism for RABs to obtain technical assistance to help them better understand and provide input into ERPs.

Method On February 2, 1998 (*Federal Register* Volume 63, Number 21), the DoD established a Technical Assistance for Public Participation (TAPP) program (USEPA, 1998). Examples of TAPP projects include reviewing restoration documents and proposed remedial technologies, interpreting environmental health effects, participating in relative risk ranking exercises (which are used to prioritize restoration activities at a facility), and certain types of technical training.

The RAB can define a proposed TAPP project and prepare a TAPP request. The Navy will then prepare a Statement of Work and procure a qualified technical assistance provider. The RAB may be asked to assist by commenting on potential providers. Funding is provided for up to \$25,000 per year or one percent of the total restoration cost, whichever is less, with a limit of \$100,000 total over the life of the program at any one installation.

Since inception of the rule, the Navy has trained personnel in the TAPP process and produced presentation material. The RAB may request TAPP presentations or training through their Navy co-chair. To date they have not done so (USEPA, 1998).

Timing A TAPP presentation will be conducted upon request.

Provide Technical Assistance Grant Information

Objective To provide resources for community groups to hire technical advisors who can assist them in interpreting technical information about ERP sites.

Method Administered by the USEPA, the Technical Assistance Grant (TAG) program is an avenue under which grants are made available by the Office of the President to any group of individuals that may be affected by a release or threatened release at any installation on the NPL. TAG may be used to obtain technical assistance in interpreting information about the nature of the hazard, RI/FS, ROD, Remedial Design, selection and construction of the Remedial Action, operation and maintenance, or removal action at a facility. USEPA has specific guidelines for groups that apply for and administer TAG grants and the value can be up to \$50,000 for a single recipient.

Because SJCA is listed on the NPL, the RAB (or another concerned group) is eligible to apply for a TAG. Information about the TAG program has been presented at RAB meetings and pamphlets about the program have been distributed. To date, no group has applied for a TAG at SJCA (USEPA, 2009d).

Timing The Navy will continue to promote TAGs periodically at RAB meetings or until one is awarded.

4.2.3 Provide Comment Periods and Hold Public Meetings

Objective

To provide the citizens with an opportunity for meaningful involvement in the CERCLA process, to solicit public involvement on decisions regarding the SJCA ERP, and also to provide the Navy with valuable information for use in making decisions. Public meetings are held to update the community on site developments and address community questions, concerns, ideas, and comments.

Method

For EE/CAs and PPs, the Navy will issue the EE/CA or PP and publish a notice announcing a 45-day comment period in *The Virginian-Pilot*. The notices include a brief summary of the documents and advertise the availability of the documents in the information repository. A written response will be prepared for significant comments received and made available in the information repository.

The Navy will also hold a public meeting for any PP issued. The public meeting will be scheduled at a time to encourage the greatest possible participation and will focus on soliciting comments from the public. The meeting will be publicized at the opening of the public comment period and will be held at the information repository location during the 45-day comment period. During the public meeting, Navy officials will discuss the findings of the RI/FS Report, the various cleanup alternatives, the Navy's preferred cleanup/treatment alternative, and the rationale for the choice. Attendees will have an opportunity to ask questions and make comments at the meeting. Meeting minutes will be prepared and made available to the public at the information repository and placed in the Administrative Record. Community members may also submit written comments on the PP during the public comment period. The public comment period can be extended an additional 30 days if requested by any member of the public.

Timing

Comment periods will be held and publicized for specific technical activities as required. A public meeting is required during the PP and will be held as necessary.

4.2.4 Prepare a Responsiveness Summary

Objective

To summarize comments received during comment periods, to document how the Navy has considered those comments during the decision making process, and to provide responses to major comments.

Method

At the conclusion of a public comment period, a Responsiveness Summary will be prepared summarizing comments received and the Navy's responses to public comments. The Responsiveness Summary will aid the Navy in reaching a decision about a removal action or remedial action. The summary will inform the decision-makers about the community preferences, as well as any general concerns. It also provides the public with documentation of the concerns raised and Navy responsiveness to those concerns. The Responsiveness Summary will be made available to the public in the information repository.

For the Proposed Plan, the Navy will issue the Responsiveness Summary as part of the ROD that documents the Selected Remedy. The ROD will be available for public review in the information repository prior to the start of the clean-up action and placed in the Administrative Record file. A public notice is issued after the ROD is signed and available for public inspection. A public notice is also published for any significant post-ROD changes. In addition, RODs are available on USEPA's Web site for SJCA at <http://www.epa.gov/superfund/sites/rods/>.

Timing

The Navy will issue the Responsiveness Summary after public comment periods, such as part of a ROD or significant post-ROD changes.

4.2.5 Revise the Community Involvement Plan

Objective

To provide a foundation for establishing two-way communication with the public to create an understanding of ERP and related actions, to assure public input into decision making processes related to affected communities, and to make certain that the Navy is aware of and responsive to public concerns.

Method

This CIP Update identifies community concerns and details community involvement activities that have been and will be conducted to encourage continued public participation in the ERP at SJCA. The CIP will be revised as community concerns warrant or at least every 5 years until the SJCA is de-listed from the NPL.

Timing

This Plan was originally published in 2000 and was updated in 2005 and again now with this update. Under CERCLA, a revision to the CIP should be considered after a ROD is signed if significant community concerns are discovered that pertain to the remedial design and construction phase or as appropriate when a major change in the ERP at SJCA. Otherwise, the CIP should be updated every 3 to 5 years.

4.3 Projected Schedule for Community Involvement Activities

A time frame summary for community involvement activities is included as [Table 4-1](#).

Table 4-1
Time Frame Summary for Community Involvement Activities
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia

Activity	Time Frame
Designate Navy Contacts	Current
Provide Up-to-Date Information on the Internet	Ongoing
Maintain a Mailing List	Ongoing
Maintain the Information Repository	Ongoing, updating as needed
Maintain the Administrative Record File	Ongoing, updating as needed
Prepare and Distribute Fact Sheets	As required, currently maintained in the information repository, will be distributed at future community meetings
Attend Community Meeting	Winter/Spring 2010 and as needed
RAB Meetings	Twice a year or as needed
Provide Comment periods and Hold Public Meetings	As needed and required
Prepare a Responsiveness Summary	Following public comment periods
Revise the Community Involvement Plan	As needed, at least every 3 to 5 years and in accordance with guidance and regulations

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Appendix A Key Contacts

St. Juliens Creek Annex Community Involvement Plan
Key Contacts

U.S. Navy			
Organization/ Department	Name	Address	Phone/Fax/E-mail
NNSY Commanding Officer	CAPT William C. Kiestler	Norfolk Naval Shipyard, Code C-100 Portsmouth, VA 23709-5000	
SJCA Public Affairs Office	Jeffrey Cunningham	Norfolk Naval Shipyard C1100 Bldg. 1500-6 PORTSMOUTH, VA 23709-5000	Phone: (757) 396-8122 jeffrey.r.cunningham@navy.mil 757 396-8122
Remedial Project Manager, SJCA	Walter Bell	NAVFAC MidLant 9742 Maryland Ave. Environmental Code OPHE30, Bldg N-26, Rm 3300 Norfolk, VA 23511-3095	Phone: (757) 445-6638 Fax: (757) 444-5822 Walt.j.bell@navy.mil
U.S. Environmental Protection Agency			
Organization/ Department	Name	Address	Phone/Fax/E-mail
USEPA Region 3, Remedial Project Manager, SJCA	Robert Stroud	USEPA (Region III) 1650 Arch Street Philadelphia, PA 19103	Phone: (410) 305-2748 Fax: (410) 305-3096 Stroud.robert@epa.gov
Virginia Department of Environmental Quality			
Organization/ Department	Name	Address	Phone/Fax/E-mail
Virginia DEQ, Remedial Project Manager, SJCA	Karen Doran	VDEQ 629 E. Main Street Richmond, VA 23219	Office: (804) 698-4594 karen.doran@deq.virginia.gov

Federal and State Elected Officials

Organization/ Department	Name	Address	Phone/Fax/E-mail
U.S. Senator	The Honorable Mark R. Warner	459A Russell Senate Office Building Washington, D.C. 20510	Phone: (202) 224-2023
U.S. Senator	The Honorable Jim Webb	459A Russell Senate Office Building Washington, D.C. 20510	Phone: (202) 224-4024
U.S. House of Representatives	The Honorable J. Randy Forbes	636 Cedar Road, Suite A Chesapeake, VA 23322	Phone: (757) 382-0080
Governor of the Commonwealth of Virginia	The Honorable Tim Kaine	Virginia State Capital, Third Floor Richmond, VA 23219	Phone: (804) 786-2211
Lieutenant Governor of the Commonwealth of Virginia	The Honorable William T. Bolling	102 Governor Street Richmond, VA 23218	Phone: (804) 786-2078
Attorney General of the Commonwealth of Virginia	The Honorable Robert F. McDonnell	900 East Main Street Richmond, VA 23219	Phone: (804) 786-2071
State Senate	The Honorable Harry B. Blevins	P.O. Box 16207 Chesapeake, VA 23328	Phone: (757) 546-2435
State Senate	The Honorable Louise Lucas	P.O. Box 700 Portsmouth, VA 23705	Phone: (757) 397-8209
State Senate	The Honorable Yvonne B. Miller	P.O. Box 452 Norfolk, VA 23501	Phone: (757) 627-4212
State Senate	The Honorable Ralph S. Northam	P.O. Box 9363 Norfolk, VA 23505	Phone: (757) 818-5172
State Senate	The Honorable Frederick M. Quayle	P.O. Box 368 Suffolk, VA 23439	Phone: (757) 483-9173
State Senate	The Honorable Frank W. Wagner	P.O. Box 68008 Virginia Beach, VA 23471	Phone: (757) 671-2250

State House of Delegates	The Honorable Kenneth C. Alexander	7246 Granby Street Norfolk, VA 23505	Phone: (757) 628-1000
State House of Delegates	The Honorable Joseph F. Bouchard	P.O. Box 68726 Virginia Beach, VA 23471	Phone: (757) 333-2527
State House of Delegates	The Honorable John A. Cosgrove	P.O. Box 15483 Chesapeake, VA 23328	Phone: (757) 547-3372
State House of Delegates	The Honorable Algie T. Howell, Jr.	P.O. Box 12865 Norfolk, VA 23541	Phone: (757) 466-7525
State House of Delegates	The Honorable Salvatore R. Iaquinto	P.O. Box 6888 Virginia Beach, VA 23456	Phone: (757) 430-0102
State House of Delegates	The Honorable Johnny S. Joannou	709 Court Street Portsmouth, VA 23704	Phone: (757) 399-1700
State House of Delegates	The Honorable S. Chris Jones	P.O. Box 5059 Suffolk, VA 23435-0059	Phone: (757) 483-6242
State House of Delegates	The Honorable Barry D. Knight	1852 Mill Landing Road Virginia Beach, VA 23457	Phone: (757) 426-6387
State House of Delegates	The Honorable Paula J. Miller	P.O. Box 8757 Norfolk, VA 23503	Phone: (757) 587-8757
State House of Delegates	The Honorable Harry R. Purkey	2352 Leeward Shore Drive Virginia Beach, VA 23451	Phone: (757) 481-1493
State House of Delegates	The Honorable Lionell Spruill, Sr	P.O. Box 5403 Chesapeake, VA 23324	Phone: (757) 424-2178
State House of Delegates	The Honorable Robert Tata	4536 Gleneagle Drive Virginia Beach, VA 23462	Phone: (757) 340-3510
City of Chesapeake Council			
Organization/ Department	Name	Address	Phone/Fax/E-mail
Office of the City Clerk	Dolores A. Moore, MMC	306 Cedar Road Chesapeake, VA 23322	Phone: (757) 382-6153 council@cityofchesapeake.net

Mayor	The Honorable Alan P. Krasnoff	1006 Cuervo Court Chesapeake, VA 23322	Phone: (757) 382-6974 akrasnoff@cityofchesapeake.net
Vice Mayor	The Honorable John M. de Triquet	3020 Princess Anne Crescent Chesapeake, VA 23321	Phone: (757) 312-9220 johndetriquet@aol.com
Councilman	The Honorable Bryan L. Collins	2601 Twin Cedar Trail Chesapeake, VA 23323	Phone: (757) 32-6946 bcollins@cityofchesapeake.net
Councilman	The Honorable Clifton E. Hayes, Jr.	632 Blossom Arch Chesapeake, VA 23320	Phone: (757) 382-6956 chayes@mail.city.chesapeake.va.us
Councilman	The Honorable Dwight M. Parker	4904 Clifton Street Chesapeake, VA 23321	Phone: (757) 382-6949 dparker@mail.city.chesapeake.va.us
Councilwoman	The Honorable S.Z. "Debbie" Ritter	732 Schoolhouse Road Chesapeake, VA 23322	Phone: (757) 382-6950 dritter@mail.city.chesapeake.va.us
Councilwoman	The Honorable Dr. Ella P. Ward	1517 Pine Grove Lane Chesapeake, VA 23321	Phone: (757) 382-6950 eward@cityofchesapeake.net
Councilman	The Honorable Dr. Richard W. "Rick" West	1144 Fairway Drive Chesapeake, VA 23320	Phone: (757) 382-6952 rwest@cityofchesapeake.net
Councilwoman	The Honorable Patricia Pritchard Willis	1029 Windswept Circle Chesapeake, VA 23320	Phone: (757) 382-6947 pwillis@mail.city.chesapeake.va.us

City of Portsmouth Council

Organization/ Department	Name	Address	Phone/Fax/E-mail
City Clerk	Debra Y. White	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639 whited@portsmouthva.gov
Mayor	The Honorable James W. Holley, III	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8746
Vice Mayor	The Honorable William E. "Bill" Moody	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639
Councilman	The Honorable Stephen E. Heretick	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639

Councilwoman	The Honorable Elizabeth M. Psimas	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639
Councilwoman	The Honorable Marlene W. Randall	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639
Councilman	The Honorable Douglas L. Smith	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639
Councilman	The Honorable Charles B. Whitehurst	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639

Environmental Organizations

Organization/ Department	Name	Address	Phone/Fax/E-mail
Chesapeake Bay Foundation	Christy Everett Virginia Assistant Director	Hampton Roads Office 142 West York Street, Suite 618 Norfolk, VA 23510	757-622-1964
Elizabeth River Project	Ms. Marjorie Mayfield Jackson, Executive Director	475 Water St. Suite 103A Portsmouth, VA 23704	757-399-7487 Fax: 757-399-8377 mmayfield@elizabethriver.org

Local Media

Type	Name	Address	Phone
Radio Station	WAFX (106.9 FM)	870 Greenbrier Circle Suite 399 Chesapeake, VA 23320	(757) 366-9900
Radio Station	WGH-AM (1310 AM)	5589 Greenwich Rd Suite 200 Virginia Beach, VA 23462	(757) 671-1000
Radio Station	WCPK (1600 AM)	645 Church Street Suite 400 Norfolk, VA 23510	(757) 622-4600
Radio Station	WVBW (92.9 FM)	5589 Greenwich Rd Suite 200 Virginia Beach, VA 23462	(757) 671-1000
Radio Station	WFOS (88.7 FM)	1617 Cedar Rd Chesapeake, VA 23322	(757) 547-1036

Radio Station	WGH-FM (97.3 FM)	5589 Greenwich Rd Suite 200 Virginia Beach, VA 23462	(757) 671-1000
Radio Station	WGPL (1350 AM)	645 Church Street Suite 400 Norfolk, VA	(757) 622-4600
Radio Station	WHRO-FM (90.3 FM)	5200 Hampton Boulevard Norfolk, VA 23508	(757) 889-9400
Radio Station	WHRV (89.5 FM)	5200 Hampton Boulevard Norfolk, VA 23508	(757) 889-9400
Radio Station	WJCD (107.7 FM)	1003 Norfolk Square Norfolk, VA 23502	(757) 466-0009
Radio Station	WJLZ/ WODC (88.5 FM)	3500 Virginia Beach Boulevard Suite 201 Virginia Beach, VA 23452	(757) 498-9632
Radio Station	WJOI (1230 AM)	870 Greenbrier Circle Suite 399 Chesapeake, VA 23320	(757) 366-9900
Radio Station	WKGM (940 AM)	13379 Great Springs Road Smithfield, VA 23430	(757) 357-9546
Radio Station	WKUS (105.3 FM)	1003 Norfolk Square Norfolk, VA 23502	(757) 466-0009
Radio Station	WNIS (790 AM)	999 Waterside Drive Suite 500 Norfolk, VA 23510	(757) 640-8500
Radio Station	WNOR (98.7 FM)	870 Greenbrier Circle Suite 399 Chesapeake, VA 23320	(757) 366-9900
Radio Station	WNSB (91.1 FM)	Norfolk State University 700 Park Avenue Norfolk, VA 23405	(757) 823-9672
Radio Station	WNVZ (104.5 FM)	236 Clearfield Avenue Suite 206 Virginia Beach, VA 23462	(757) 497-2000

Radio Station	WOWI (102.9 FM)	1003 Norfolk Square Norfolk, VA 23502	(757) 466-0009
Radio Station	WPCE (1400 AM)	645 Church Street Suite 400 Norfolk, VA 23510	(757) 622-4600
Radio Station	WPMH/WRJR (670 AM/1010 AM)	2202 Jollif Road Chesapeake, VA 23321	(757) 488-1010
Radio Station	WPTE (94.9 FM)	236 Clearfield Avenue Suite 206 Virginia Beach, VA 23462	(757) 497-2000
Radio Station	WPYA (93.7 FM)	999 Waterside Drive Suite 500 Norfolk, VA 23510	(757) 640-8500
Radio Station	WROX-FM (96.1 FM)	999 Waterside Drive Suite 500 Norfolk, VA 23510	(757) 640-8500
Radio Station	WSVV (92.1 FM)	1003 Norfolk Square Norfolk, VA 23502	(757) 466-0009
Radio Station	WTAR (850 AM)	999 Waterside Drive Suite 500 Norfolk, VA 23510	(757) 640-8500
Radio Station	WTJZ (1270 AM)	3780 Will Scarlet Road Suite 200 Winston-Salem, NC 27104	(336) 765-7438
Radio Station	WVKL (95.7 FM)	236 Clearfield Avenue Suite 206 Virginia Beach, VA 23462	(757) 497-2000
Radio Station	WVXX (1050 AM)	P.O. Box 2368 Davidson, NC 28036	(704) 987-3585
Radio Station	WWDE (101.3 FM)	236 Clearfield Avenue Suite 206 Virginia Beach, VA 23462	(757) 497-2000
Radio Station	WXTG (102.1 FM/1490 AM)	232 Business Park Drive Suite 120 Virginia Beach, VA 23462	(757) 200-1912

Radio Station	WYFI (99.7 FM)	11530 Caramel Commons Boulevard Charlotte, NC 28226	(704) 523-5555
Radio Station	WYRM (1110 AM)	700 Monticello Avenue Suite 305 Norfolk, VA 23510	(757) 622-9256
Radio Station	WXMM (100.5 FM)	900Laskin Road Virginia Beach, VA 23451	(757) 937-9800
TV Station	WAVY TV Channel 10 (NBC)	300 Wavy Street Portsmouth, VA 23704	(757) 393-1010
TV Station	WCTV TV Channel 48	1617 Cedar Road Chesapeake, VA 23322	(757) 547-1748
TV Station	WGNT TV Channel 27 (UPN)	1318 Spratley Street Portsmouth, VA 23704	(757) 393-2501
TV Station	WHRO TV Channel 15 (PBS)	5200 Hampton Boulevard Norfolk, VA 23508	(757) 889-9400
TV Station	WTVZ TV Channel 33 (WB)	900 Granby Street Norfolk, VA 23510	(757) 622-3333
TV Station	WVBT TV Channel 43 (Fox)	243 Wythe Street Portsmouth, VA 23704	(757) 393-4343
TV Station	WVEC TV Channel 13 (ABC)	613 Woodis Avenue Norfolk, VA 23510	(757) 625-1313
TV Station	WTKR TV Channel 3 (CBS)	720 Boush Street Norfolk, VA 23510	(757) 446-1000
Newspaper	The Chesapeake Clipper	921 N. Battlefield Boulevard Chesapeake, VA 23320	(757) 222-5200
Newspaper	The Portsmouth Currents	P.O. Box 449 Norfolk, VA 23501	(757) 446-2332
Newspaper	Daily Press	7505 Warwick Boulevard Newport News, VA 23607	(757) 247-4600
Newspaper	The Flagship	143 Granby Street Norfolk, VA 23510	(757) 222-2865
Newspaper	The New Journal and Guide	974 Norfolk Square Norfolk, VA 23502	(757) 543-6531
Newspaper	The Suffolk News-Herald	130 S. Saratoga Street Suffolk, VA 23434	(757) 539-3437

Newspaper	Service to the Fleet	Norfolk Naval Shipyard Public Affairs Office Code 1160, Building 1500 6th Floor Portsmouth, VA 23709	(757) 396-9550
Newspaper	The Virginian-Pilot	150 West Brambleton Avenue Norfolk, VA 23510	(757) 446-2000

Nearby Schools & Parks

Organization/ Department	Name	Address	Phone
James Hurst Elementary, Principal	Mrs. Evelyn Whitley	18 Dahlgren Avenue Portsmouth, VA 23702	Phone: 757-558-2811 Fax: 757-558-2812
Cradock Middle School, Principal	Dr. Rosalynn L. Sanderlin	21 Alden Avenue Portsmouth, VA 23702	Phone: 757-393-8788 Fax: 757-393-5020
G.A. Treakle Elementary	Hope Terrell	2500 Gilmerton Road Chesapeake, VA 23323	757-558-5361 Fax: 757-558-5365
Victory Elementary	Mrs. E. Ann Horne	2828 Greenwood Dr Portsmouth, VA 23701-4340	757-393-8806 Fax: 757-393-5139

Chesapeake Civic League Directory

Organization	Contact	Address	City	State	Zip	Phone	Meeting Information	Meeting Location	Police Precinct
Ahoy Acres Civic League	Pearline Pitts- Holt	1641 Tiller Lane	Chesapeake	VA	23321	488-4259	1st Tue. 7 PM	Faith Temple Holiness Church	Western Branch
Albemarle Acres Civic League	Sherry Simmons	412 Collington Drive	Chesapeake	VA	23322	482-7974			Great Bridge
Bells Mill Civic League	Lamont Simmons	P.O. Box 16172	Chesapeake	VA	23328	547-3818			Great Bridge
Brittany Woods Civic League	Chuck Anderson	2909 Duke of York Drive	Chesapeake	VA	23321	483-0234			Western Branch
Camelot Civic League	C.C. Hawkins	P.O. Box 6093	Chesapeake	VA	23323	485-2356	2nd Mon. 7 PM	Camelot Community Center	Deep Creek
Campostella Square/Plymouth Park Civic League	Shalon Richardson	1092 Cascade Blvd.	Chesapeake	VA	23324	235-1427	2nd Thur. 6:30 PM	Cuffee Community Center	South Norfolk
Caroon Farms Civic League	Melinda McGranahan	P.O. Box 15413	Chesapeake	VA	23328	482-3003	Meet 5 times yearly	Various locations	Great Bridge
Cedar Crossing Condo Assn.	G. Patterson	901 Summerfield Crescent	Chesapeake	VA	23322	410-7555	3rd Thur. 7 PM		Great Bridge
Chesapeake Colony Civic League	Brad White	224 Woodford Drive	Chesapeake	VA	23322	482-6877	3rd Wed. 7 PM	Towne Bank Towne Hall	Great Bridge
Chesapeake Council of Civic Organizations Inc.	Burnie Mansfield	1144 Virginia Avenue	Chesapeake	VA	23324	545-4961	1st Wed. 7 PM	Various Chesapeake Libraries	South Norfolk
Chesapeake Estates Civic League	Gloria Lassiter	4104 Old Virginia Road	Chesapeake	VA	23323	465-1707	2nd Mon. 7 P.M.	4104 Old Virginia Road	Deep Creek
Cheshire Forest Homeowner's Assn.	Frank Wakeham	504 Piping Rock Drive	Chesapeake	VA	23322	410-5114	Monthly	Cheshire Clubhouse	Great Bridge

Chesapeake Civic League Directory

Citizens for Southern Chesapeake Civic League	David Thomas	4656 Backwoods Road	Chesapeake	VA	23322	421-7079			Great Bridge
Clearfield Avenue Triangle Civic League	Denise Waters	360 Clearfield Avenue	Chesapeake	VA	23320	405-1800 Ext. 8337	Meet as needed		Greenbrier
Colonial Point Civic League	E. Alfonzo Harrell	945 Flintfield Crescent	Chesapeake	VA	23321	478-1800	1st Sun. 6 PM	Various locations	Western Branch
Crest Harbour Civic League	Fabius Tucker	725 Mullen Road	Chesapeake	VA	23320	547-3490	1st Mon 7 PM	Human Services Building	Greenbrier
Crestwood Civic League	Margaret Pettiford	5008 Booker Street	Chesapeake	VA	23320	543-5580	1st Mon. 6:30 PM	Chesapeake Resource Ctr.	Greenbrier
David's Mill Civic League	Tony Hinman	4805 Deerview Court	Chesapeake	VA	23321	405-3754	1st. Mon. 6 PM		Western Branch
Dock Landing Neighborhood Assn.	Ken Sedlacko	1541 Odman Drive	Chesapeake	VA	23321	488-1456	January, May, & September, 7 PM	Russell Memorial Library	Western Branch
Dominion Lakes Homeowner's Assn., Inc.	Rodger Jackson	1332 Dominion Lakes Blvd.	Chesapeake	VA	23320	444-2968	2nd Week of October		Greenbrier
Drum Creek Farms Civic League	Alfred Fry	2511 Bugle Drive, West	Chesapeake	VA	23321	488-8441			Western Branch
Dunedin-Silver Oaks Civic League	Candice Lang	4240 Portsmouth Blvd. Box 458	Chesapeake	VA	23321	483-9231	1st Mon. 7 PM	Aldersgate United Methodist Church	Western Branch
Etheridge Lakes Civic League	Mary McCabe	1611 Clearwater Lane	Chesapeake	VA	23322	410-5307	Quarterly	Etheridge Lakes Park	Great Bridge
Eva Gardens Civic League	Michael Turner	1407 Anthony Drive	Chesapeake	VA	23320	545-4127	1st Tue. 7 PM	Human Services Building	Greenbrier
Fairfield/Parkwood Civic League	Willie Williams	2033 Midway Avenue	Chesapeake	VA	23324	545-1061	3rd Sun. 6 PM	Various locations	South Norfolk

Chesapeake Civic League Directory

Fentress Civic League	Kevin Dozier	1007 Erik Paul Drive	Chesapeake	VA	23320	482-6517	2nd Mon. 6:30 PM	New Weeping Baptist Church or Centerville Chapel AME Church	Great Bridge
Fernwood Shores Civic League	Vernon Gordon	P.O. Box 1843	Chesapeake	VA	23327	547-1516			Greenbrier
Flagg Road Civic League	Mel Atkins	2820 Flagg Road	Chesapeake	VA	23323				Deep Creek
Forest Lakes Homeowners Assn.	Michael Meador	718 Popular Forest Court	Chesapeake	VA	23322	628-4650		Forest Lake Gazebo in Neighborhood	Great Bridge
Geneva Shores Civic League	Bob Man	2013 Athens Court	Chesapeake	VA	23323	487-0591			Deep Creek
Georgetown East Colony/Point Civic League	Catherine Reagan	2140 Allison Drive	Chesapeake	VA	23325	420-7050	4th Wed.	Indian River Library	South Norfolk
Georgetown Manor Townhouses	Rhonda Turner	1924 Candlelight Drive	Chesapeake	VA	23325	237-9900	2nd Tue. 6:30 PM	Freedom/Lincoln Dealership	South Norfolk
Gilmerton Civic League	Elnora Parker	105 Ford Street	Chesapeake	VA	23323				Deep Creek
Grassfield Civic League	Margaret Osipovs	3416 West Landing Drive	Chesapeake	VA	23322				Deep Creek
Green Meadow Point East Civic Association	Jennifer Johnson	2917 E. Point Drive	Chesapeake	VA	23321	673-6502	10/5/2009	Russell Memorial Library	Western Branch
Greenbrier Civic League	Debi Jones	1912 Devonwood Common	Chesapeake	VA	23320	446-5647			Greenbrier
Greenbrier Property Owners Assn.	Debi Jones	1021 Eden Way North # 132	Chesapeake	VA	23320	547-9229	3rd Thur. 7 PM	GPOA Office	Greenbrier
Greystone Community Associate, Inc.	Mike Lucarelli	404 Brookhaven Court	Chesapeake	VA	23320	534-7765	Last Tuesday in April		Greenbrier

Chesapeake Civic League Directory

Harbor Landing Civic League	Michael Gilman	P.O. Box 3044	Chesapeake	VA	23322	409-1826	2nd Tue. 7 PM	Central Library	Great Bridge
Harbour North Civic League	Mary Olds	618 Harbour North Drive	Chesapeake	VA	23320	548-0812	2nd Fri. 7 PM	Human Services Building	Greenbrier
Holly Cove Civic League	Tilmon Alexander	3849 Schooner Trail	Chesapeake	VA	23321	241-1868	2nd Tue. 6 PM	Southwestern Elementary School	Western Branch
Hunningdon Lakes Property Owners Assn.	Dan Harris	P.O. Box 3020	Chesapeake	VA	23327	679-7703	Annually	Greenbrier Church on Volvo	Greenbrier
Hunningdon Woods Civic League	Grant Ayers	1228 Placid Way	Chesapeake	VA	23320	548-1286	Quarterly		Greenbrier
Indian River Park Neighborhood Watch	Dorinda Trumbaue	2000 Engle Avenue	Chesapeake	VA	23320	424-5302	Meet as needed		South Norfolk
Inland Colony Civic League	Maryella Mitchell	105 Waterfront Drive	Chesapeake	VA	23222	287-5697			Great Bridge
Ipswich Townvillas Assn.	Jim Spiegelger	2006 Paramont Avenue	Chesapeake	VA	23320	420-5287	2nd Tue. 7 PM	Clubhouse	Greenbrier
Joliff Woods Civic League	Sally Gribbon	4931 Oriole Drive	Chesapeake	VA	23321	405-9609	Quarterly	Faith Baptist Church	Western Branch
Kemp Woods Civic League	Richard Sanchez	P.O. Box 1833	Chesapeake	VA	23320	436-1528	2nd Thur. 7 PM	Greenbrier Library	Greenbrier
Las Gaviotas Homeowners Assn.	Brenda Gurnik	701 Brisa Court	Chesapeake	VA	23322	436-5841	Annually	Chesapeake Golf Course Club House	Great Bridge
Loxley Gardens Civic League	Shannon Barnes	914 Bounds Avenue	Chesapeake	VA	23323	237-1667	3rd Mon. 7 PM	Brentlox Church	Deep Creek
Miars Farm Civic League	Michelle Swann	4509 Andrea Lynne Court	Chesapeake	VA	23321	484-7976	Biannually		Western Branch
Mill Creek Elmwood Landing Civic League	Robert Freeman	P.O. Box 6481	Chesapeake	VA	23323	487-8169	3rd Wed. 7 PM	Deep Creek Community Center	Deep Creek
Oak Brooke Meadows Civic League	Maria Mills	500 King Maple Court	Chesapeake	VA	23320	547-3573			Greenbrier

Chesapeake Civic League Directory

Oak Grove Civic League	Ray Price	401 Bluewater Court	Chesapeake	VA	23320	549-9980			Greenbrier
Oak Grove Meadows Civic League	Cathy Harrison	209 Rose Ash Way	Chesapeake	VA	23320	382-9289			Greenbrier
Oak Manor/Baywood Manor Civic League	Ferne O'Hara	2520 Roundtree Circle	Chesapeake	VA	23323	619-5861	Bi-Monthly 7 PM	Major Hillard Library	Deep Creek
Old Taylor Road Civic League	President	2613 Taylor Road	Chesapeake	VA	23321	488-7435			Western Branch
Peppercorn Condominium Assn.	Carolyn Keeney	3517 Sugar Run	Chesapeake	VA	23321	484-8147			Western Branch
Plantation Woods Condominium Assn.	Bob Kolstee	1340 N. Great Neck Road # 1272-110	Virginia Beach	VA	23454	382-9896	Monthly 7 PM	Various locations	Greenbrier
Pleasant Ridge Civic League	Deborah Green	932 Pleasant Ridge Drive	Chesapeake	VA	23322	421-7209	Varies		Great Bridge
Point Elizabeth Townhomes Civic League	Johnny Wiseman	3605 Whitechapel Arch	Chesapeake	VA	23321	686-9737			Western Branch
Providence Square Civic League	Jean Mayes	213 Dexter Street	Chesapeake	VA	23324	545-8269	3rd Mon. 7 PM	Indian River Recreation Center	South Norfolk
Pughsville Civic League	Virginia Gaines	5113 Old Pughsville Road	Chesapeake	VA	23321	484-5165	3rd Mon. 7 PM	New Hope Baptist Church	Western Branch
Raleigh Place Civic League	Helen Smith	4263 Raleigh Road	Chesapeake	VA	23321	488-0650	2nd Tue. 7:30 PM	Covenant United Methodist Church	Western Branch
River Bend Civic League	Cindy Kochersperger	1532 Burrowin Drive	Chesapeake	VA	23321	465-1067	Quarterly	Various locations	Western Branch
Sawyer's Mill Homeowners Assn.	Teresa Shuma	401 Noggin Circle	Chesapeake	VA	23323	485-2434			Great Bridge

Chesapeake Civic League Directory

School House Crossing Civic League	Tom Moore	1612 Prospect Drive	Chesapeake	VA	23322	482-4932			Great Bridge
Seabrook Landing Civic League	Lynn Ischep	813 Heritage Point	Chesapeake	VA	23322	436-1530			Great Bridge
Shorewood Area Civic League	Gerald Holmes	4352 Shorewood Drive	Chesapeake	VA	23321	488-9531	2nd Thur. 7 PM	Russell Memorial Library	Western Branch
South Hill Civic League	Marvin Hill	812 Middle Street	Chesapeake	VA	23320	469-3716			South Norfolk
South Norfolk Civic League	Kevin Amick	1528 Chesapeake Ave	Chesapeake	VA	23324	545-9111	2nd Mon. 7 PM	South Norfolk Community Center	South Norfolk
Southeastern Civic League	Sandra Etheridge	3160 Eason Road	Chesapeake	VA	23322	421-9613	1st Mon. 7 PM	Gabriel Chapel AME Zion Church	Great Bridge
Southside Civic League	Rev. James McNeil	1003 Old Wood Street	Chesapeake	VA	23324	543-3134	1st Mon. 7:30 PM	Cuffee Community Center	South Norfolk
Southwood Civic League	Dan Kneisler	833 Waterfall Way	Chesapeake	VA	23322	547-7788		Central Library	Great Bridge
Stonebridge Landing Civic League	William B. Kenny	3800 Stonebridge Landing	Chesapeake	VA	23321	465-0877	Quarterly on Tuesday	Russell Memorial Library	Western Branch
Stonegate Civic League	Larry Balkus	P.O. Box 16271	Chesapeake	VA	23328	482-9420			Great Bridge
Sunray Farmer's Assn.	Gary Szymanski	4509 Sunray Avenue	Chesapeake	VA	23321	488-1307	1st Mon. 7 PM	Sunray Community Center	Western Branch
Sunrise Hills Civic League	Harry D. Powell, Jr.	2941 Candlewood Circle	Chesapeake	VA	23324	545-3452	4th Tue. 7 PM	Old St. Jerry Church	South Norfolk

Chesapeake Civic League Directory

The Crossings Civic League	Elizabeth Horsley	3235 Bentham Lane	Chesapeake	VA	23321	483-2253	Quarterly 1st Mon. 7 PM	Russell Memorial Library	Western Branch
Tunbridge Station Civic League	Rick Scruggs	220 Mooregate Court	Chesapeake	VA	23322	339-5593	3rd Tue. 7 PM	Towne Bank	Great Bridge
Tyre Neck Point Civic League	Doug Downs	3126 Harvestime Crescent	Chesapeake	VA	23321	638-9515	Semi-annually	Various locations	Western Branch
Wedgewood Estates Homeowners Assn.	Rich McNally	1004 Fairway Court	Chesapeake	VA	23320	548-3624			Greenbrier
Wellington Community Civic League	Joel Cohen	P.O. Box 9833	Chesapeake	VA	23321	483-1942	Every other month	AMF Bowling Alley	Western Branch
West Munden Civic League	Garland Williams	1750 Atlantic Avenue	Chesapeake	VA	23324	543-8592	3rd Thur. 7 PM	First Baptist Church	South Norfolk
Whittamore Road Civic League	Lomeli Holley	3301 Andrews Drive	Chesapeake	VA	23323				Great Bridge
Winds of Silverwood Civic League	Kimberly Jordan	3107 Radcliff Lane	Chesapeake	VA	23321	638-3176			Western Branch

The City of Portsmouth Civic Leagues

REVISED 10/20/2009

There is no warranty as to the accuracy of this list.

All update requests should be directed to the City Clerk's Office either by phone at 757-393-8639 or by [email](#).

<p>BISHOP'S GREEN CIVIC LEAGUE AND GARDEN CLUB, INC. TERRANCE B. ALSTON 6546 TOWNE POINT ROAD SUITE 107 P. O. BOX 19 SUFFOLK, VA 23435 686-3163 (HOME)</p>	<p>COMMUNITY MEETINGS-2ND THURSDAY OF EVERY OTHER MONTH (FEB, APR, JUNE, AUG, OCT, DEC) BOARD MEEETINGS 1ST WEDNESDAY OF EVERY MONTH 7:00 P.M. CHURCHLAND NEAT OFFICE</p>
<p>BRIARWOOD RESIDENTIAL CIVIC LEAGUE JOE MCSWEENEY 3805 PINE ROAD 23703 399-1967</p>	<p>QUARTERLY 7:00 p.m. 3805 PINE ROAD</p>
<p>BRIGHTON/PRENTIS PARK CIVIC LEAGUE REGINALD "REGGIE" ALLEN 1421 WILCOX AVENUE 23704 397-4268 (HOME) vpatburns@yahoo.com</p>	<p>1ST MONDAY OF THE MONTH 7:00 P.M. THE PINES 1801 PORTSMOUTH BOULEVARD PORTSMOUTH, VA 23704</p>

<p>CAVALIER MANOR CIVIC LEAGUE (UNITED CIVIC LEAGUE OF CAVALIER) BARBETA TERRY PRESIDENT 909 DARREN DRIVE 23701 718-2850 (HOME) President.CavalierManor@gmail.com</p>	<p>2ND MONDAY OF THE MONTH 7:30 P.M. 404 VIKING STREET PORTSMOUTH, VA 23701</p>
<p>CEDAR POINT CIVIC LEAGUE ESTELLA R. BOND 247 CYPRESS CIRCLE 23701 488-8272 (HOME) richbond6@netzero.net</p>	<p>2ND MONDAY OF THE MONTH 7:00 P.M. UNITED CONGREGAT'L CHRISTIAN CHURCH 5900 PORTSMOUTH BLVD. PORTSMOUTH, VA 23701</p>
<p>CENTRAL CIVIC FORUM VELMA R. HINNANT 1419 DARREN DRIVE 23701 465-3548 (HOME) 635-5346 (CELL)</p>	<p>4TH THURSDAY OF THE MONTH 7:00 P.M. JOHN F. KENNEDY CENTER 12 GRAND STREET PORTSMOUTH, VA 23701</p>
<p>CHARLESTOWN CIVIC LEAGUE VANESSA MACK 1590 DARREN CIRCLE 23701</p>	<p>2ND THURSDAY OF THE MONTH 7:00 P.M. CHARLESTOWN COMMUNITY CENTER</p>

<p>CHURCHLAND CIVIC LEAGUE CECELIA DAWE-GILLIS 3 SAILFISH STREET 23703 483-2685 cdgillis1@cox.net</p>	<p>2009 Schedule 1/22, 4/23, 7/23, and 10/22 7:00 p.m. Churchland N.E.A.T. Office (next to Bottom Dollar)</p>
<p>CHURCHLAND WEST CIVIC LEAGUE VENTRY SMITH 3925 OLD FARM ROAD 23703 483-6538 (HOME)</p>	<p>MEETS VARYING TUESDAYS 7:00 P.M. CHURCHLAND BRANCH LIBRARY 3215 ACADEMY AVENUE PORTSMOUTH, VA 23703</p>
<p>CRADOCK CIVIC LEAGUE JOANNA HALL 92 NICHOLSON STREET 23702 515-3739 Joanna@historiccradock.org cradockTimes@cox.net www.historiccradock.org</p>	<p>1ST TUESDAY OF THE MONTH 7:00 P.M. CRADOCK CIVIC CENTER</p>
<p>DEEP CREEK VILLAGE CIVIC LEAGUE</p>	<p>2ND WEDNESDAY 7:00 P.M. CRADOCK RECREATION CENTER MTG. ROOM GEORGE WASHINGTON HIGHWAY PORTSMOUTH, VA 23702</p>
<p>EBONY HEIGHTS CIVIC LEAGUE TANYA HODNETT 3604 BLAINE STREET 23703 757-905-0786</p>	<p>3RD MONDAY OF THE MONTH 7:00 P.M. CHURCHLAND BRANCH LIBRARY 4934 HIGH STREET W. PORTSMOUTH, VA 23703</p>

<p>FAIRVIEW HEIGHTS CIVIC LEAGUE JAMES E. ADAMS 406 GLOUCESTER AVENUE 23702</p>	<p>4TH MONDAY 7:00 P.M. FAIRVIEW HEIGHTS BAPTIST CHURCH 4704 DEEP CREEK BOULEVARD PORTSMOUTH, VA 23702</p>
<p>GLENSHEALLAH PROPERTY OWNERS ASSOCIATION JOSEPH SASS P. O. BOX 7933 23707 393-7009 (W) JOE7277@COX.NET</p>	<p>MEETINGS ON CALL Spring and Fall WOMAN'S CLUB OF PORTSMOUTH 304 SYCAMORE ROAD PORTSMOUTH</p>
<p>GREEN LAKES CIVIC LEAGUE DR. CHERYL W. CREAGER PRESIDENT P. O. BOX 3559 23701 465-8821 (HOME) ccreager1@cox.net www.greenlakescivicleague.org</p>	<p>1ST MONDAY 7:00 P.M. GREEN LAKES BAPTIST CHURCH 1610 HODGES FERRY ROAD PORTSMOUTH, VA 23701</p>
<p>GROVE PK./KINGMAN HTS/ WESTHAVEN PARK/NW CIV LG NEIGHBORHOOD WATCH/CIVIC LEAGUE ADRIENNE WILDER 3817 GREENWAY COURT 23707 397-1909 (HOME) PTownyellowbird@aol.com</p>	<p>3RD TUESDAY OF THE MONTH WESTEND UNITED METHODIST CHURCH 1800 RODMAN AVENUE PORTSMOUTH, VA 23707</p>

<p>HATTONSVILLE CIVIC LEAGUE SYLVESTER BROWN 1915 LAIGH CIRCLE 23701 488-2750 (HOME)</p>	<p>NO REGULAR MEETINGS MR. BROWN'S HOME</p>
<p>HIDDEN COVE HOMEOWNERS CIVIC LEAGUE</p>	<p>1ST MONDAY OF EACH QUARTER 6:30 P.M.</p>
<p>HIGHLAND BILTMORE CIVIC LEAGUE LARA MORTIMER 506 SUMMERS PLACE 23702 393-2388 (HOME) 339-8913 (CELL) Laramortimer@highlandbiltmore.org www.highlandbiltmore.org</p>	<p>3RD TUESDAY OF THE MONTH 7:00 P.M. BILTMORE BAPTIST CHURCH</p>
<p>HISTORICAL TRUXTON CIVIC LEAGUE CHESTER BENTON 2511 PORTSMOUTH BOULEVARD 23704 718-4721 (Cell) bentoncb@aol.com truxtonhomes@aol.com</p>	<p>3RD TUESDAY EVERY MONTH 7:00 P.M. MOUNT CARMEL BAPTIST CHURCH 3310 DEEP CREEK BOULEVARD PORTSMOUTH, VA 23702</p>

<p>HOLLY HILL CIVIC LEAGUE/COMMUNITY WATCH MAILING ADDRESS: IRIS THOMPSON 8 HOLLY HILL LANE 23702 487-0631 (HOME)</p>	<p>1ST TUESDAY EACH MONTH 7:00 P.M. 5124 DEEP CREEK BOULEVARD PORTSMOUTH, VA 23702</p>
<p>HOSIERS OAKS CIVIC LEAGUE JACQUES GROOMS 3 HERBERT COURT 23703 484-4465 (HOME) info@hosiersoaks.org www.hosiersoaks.org</p>	<p>1ST THURSDAY OF THE MONTH 7:00 P.M. VARIOUS HOMES - PER SIGN</p>
<p>HUNTERS POINT CIVIC LEAGUE PATRICIA EDGERTON 4504 WEST NORFOLK ROAD 23703 757-483-5134 (HOME) HP-Civicleague@hotmail.com</p>	<p>ONCE A MONTH ON A THURSDAY 6:30 P.M. FIRST BAPTIST CHURCH 3603 JORDAN LANE PORTSMOUTH, VA 23703</p>
<p>LAKE SHORES CIVIC LEAGUE MONICA WILLIAMS, PRESIDENT DEBORAH L. MASSENBURG, SECRETARY 500 BARLOW DRIVE 23707 397-0037 (HOME) 399-4430 (HOME) faith28_98@yahoo.com</p>	<p>4TH TUESDAY OF THE MONTH 7:00 P.M. PORT NORFOLK RECREATION CENTER BROAD STREET PORTSMOUTH, VA 23707</p>

<p>LEE WARD CIVIC LEAGUE RALEIGH G. HARSLEY 2124 PEACH STREET 23704 397-2287 (HOME)</p>	<p>3RD MONDAY OF THE MONTH 7:00 P.M. WESLEY CENTER PORTSMOUTH, VA 23704</p>
<p>LINCOLN PARK TENANT COUNCIL GERTIE WALLACE PRESIDENT 237 DALE DRIVE 23704 399-3883 (HOME)</p>	<p>MEETINGS ON CALL JOINTLY WITH DALE HOMES</p>
<p>LONG POINT CIVIC LEAGUE PAUL SMITH 4039 LONG POINT BLVD. 23703 478-3259 psmith@awirinc.net www.longpointcivicleague.com</p>	<p>3RD THURS JAN, MAR, MAY, JULY, SEPT. NOV. 7:00 P.M. ST. MARK'S UNITED METHODIST CHURCH 4320 TWIN PINES ROAD PORTSMOUTH, VA 23703</p>
<p>MADISON WARD CIVIC LEAGUE HOWARD SMITH P. O. BOX 385 23705 757-393-2470</p>	<p>4TH MONDAY EACH MONTH 7:00 P.M. 1704 MADISON STREET</p>
<p>MAPLE SHADE WEST GROVE CIVIC LEAGUE JOHN BAILEY 203 DIXIE AVENUE 23707 399-0954 (HOME)</p>	

<p>MERRIMAC POINT CIVIC LEAGUE GERALD HEAD 100 PORTER ROAD 23707 399-7824 (HOME)</p>	<p>3RD TUESDAY OF THE MONTH 7:30 P.M. PORTSMOUTH CHRISTIAN CHURCH</p>
<p>MOUNT HERMON CIVIC LEAGUE WILLIE L. MARHSALL, SR. 1531 MT. VERNON AVENUE 23704 399-0276 (HOME)</p>	<p>1ST THURSDAY OF THE MONTH 7:30 P.M. SENIOR CITIZENS VILLAGE 2400 CUTHERELL STREET PORTSMOUTH, VA 23704</p>
<p>NEWPORT CIVIC LEAGUE Colleen Smith, President Vivian Perry, Secre. 540 Normandy Street 23701 582-7043 newportcivicleague@yahoo.com</p>	<p>EVERY 3RD SATURDAY - 2pm EXEC. BRD- 2ND THURSDAY - 7pm 540 NORMANDY STREET PORTSMOUTH, VA 23701</p>
<p>OLD TRUXTUN COMMUNITY LEAGUE VANESSA CLAYTOR PRESIDENT 6 HOBSON STREET 23704 399-6023 HOME ANY QUESTIONS CALL 729-7861</p>	<p>2ND MONDAY OF THE MONTH 7:00 P.M. GREATER MT. ZION TABERNACLE CHURCH 3100 DEEP CREEK BOULEVARD</p>

<p>OLDE TOWNE CIVIC LEAGUE FRED C. SANBORN PRESIDENT 220 NORTH STREET 23704 397-2646 (HOME) 943-0888 (CELL) fcsanborn@hotmail.com www.OTCL.org</p>	<p>3RD THURSDAY OF THE MONTH 7:00 P.M. TRINITY EPISCOPAL CHURCH</p>
<p>OLDE TOWNE SOUTH COMMUNITY LEAGUE R. C. SMITH 13 COLUMBIA COURT 23704 393-2411 (HOME) rcsmith9@cox.net</p>	<p>3RD TUESDAY OF THE MONTH 7:00 P.M. THE GATEWAY TO THE ARTS MUSEUM</p>
<p>OLIVE BRANCH NEIGHBORHOOD COALITION JIM MARTIN 711 CRAWFORD STREET 23704 martinj@portsmouthva.gov</p>	<p>AS NEEDED 7:00 P.M. WESTSIDE CHRISTIAN CHURCH 535 CHEROKEE ROAD PORTSMOUTH, VA 23704</p>
<p>OREGON ACRES CIVIC LEAGUE SANDRA M. PETTY 105 WYOMING AVENUE 23701 488-0289 (HOME) SandraPetty7@cox.net</p>	<p>3RD THURSDAY OF THE MONTH 7:00 P.M. SALVATION ARMY BUILDING AIRLINE BOULEVARD PORTSMOUTH, VA 23701</p>

<p>PARK MANOR CIVIC CLUB DR. JAMES PAULEY PRESIDENT 198 PINE BLUFF PORTSMOUTH 23701 488-8820 (HOME) j.pauley@parkmanorcc.com www.parkmanorcc.com</p>	<p>1ST THURSDAYS 7:00 P.M. PINECREST BAPTIST CHURCH SOCIAL HALL 209 FELTON ROAD PORTSMOUTH, VA 23701</p>
<p>PARKVIEW CIVIC LEAGUE DAN ASTON 958 NAVAL AVENUE 23704 399-0058 parkviewcl@aol.com</p>	<p>3RD MONDAY OF THE MONTH 7:00 P.M. PARK VIEW BAPTIST CHURCH</p>
<p>PEACHTREE COMMUNITY ASSOCIATION LARRY ROBERTSON 3806 HARVEST COURT 23703 483-4280</p>	<p>1ST MONDAY OF THE MONTH 7:30 P.M. PEACHTREE COMMUNITY CENTER (MEETING ROOM)</p>
<p>PORT NORFOLK CIVIC LEAGUE PHILIP DESIANO P.O. BOX 7114 23707 399-7526 (HOME) president@portnorfolk.org mdv1@cox.net</p>	<p>1ST THURSDAY OF THE MONTH 7:00 P.M. COMMUNITY CENTER 432 BROAD STREET PORTSMOUTH, VA 23707</p>
<p>PORTS COUNCIL CIVIC LEAGUE ROSIE PERKINS 346 SAUNDERS DRIVE 23701 488-8203 (HOME)</p>	

<p>PORTSMOUTH ACRES NEIGHBORHOOD WATCH WAYNE WILLIS 4022 GARWOOD AVENUE 23701 488-2452 (HOME)</p>	<p>LAST MONDAY OF EVEN MONTHS 7:30 P.M. GOD OF PROPHECY CHURCH BEDFORD ROAD PORTSMOUTH, VA 23701</p>
<p>PORTSMOUTH NEIGHBORS ALBERT EURE 1513 CAVALIER BOULEVARD 23701 487-3843 (HOME) Eureal3@aol.com</p>	<p>NO REGULAR MEETING</p>
<p>PORTSMOUTH SERVICE LEAGUE PRESIDENT P. O. BOX 6647 23703</p>	
<p>PRENTIS PLACE CIVIC LEAGUE RICHARD CLEVELAND 1731 MAPLE AVENUE 23704 399-1009 (HOME)</p>	<p>1ST SATURDAY OF THE MONTH 10:00 A.M. WESLEY COMMUNITY CENTER 1701 ELM AVENUE PORTSMOUTH, VA 23704</p>

<p>RIVER POINT CIVIC LEAGUE FRED BRUNEY 36 LANTERN WAY 23703 483-9088 (HOME) efbruney@yahoo.com</p>	<p>2ND TUESDAYS 7:00 P.M. CLUBHOUSE ON RIVERPOINT DRIVE</p>
<p>RIVER SHORE CIVIC LEAGUE ELDER L. LASH 4647 RIVER SHORE ROAD 23703 484-3894 (HOME) joycej1@verizon.net</p>	<p>NO REGULAR MEETING 7:00 P.M. ST. MARKS METHODIST CHURCH</p>
<p>SHEA TERRACE CIVIC LEAGUE NANCY LAMARTIN</p>	<p>3RD MONDAY OF EVERY MONTH 7:00 P.M. THE FLAGSHIP 103 CONSTITUTION AVENUE PORTSMOUTH, VA 23704</p>
<p>SIMONSDALE CIVIC LEAGUE NATHAN HORD 8 VAN PATTON PLACE 23701 488-0879 (HOME) groups.hamptonroads.com/simonsdale</p>	<p>1ST MONDAY OF THE MONTH 7:30 P.M. SIMONSDALE CIVIC CLUB 5006 VICK STREET PORTSMOUTH, VA 23701</p>
<p>SOUTH FAIRVIEW HEIGHTS CIVIC LEAGUE PAUL LANDERS 402 CABOT STREET 23702 485-1407 (HOME)</p>	<p>4TH MONDAY OF THE MONTH 7:00 P.M. FAIRVIEW HEIGHTS BAPTIST CHURCH 4704 DEEP CREEK BOULEVARD PORTSMOUTH, VA 23702</p>

<p>SWANSON HOMES TENANT COUNCIL DORITA EPPS PRESIDENT 4 BUCHANAN AVENUE 23704 399-3237 (HOME)</p>	
<p>SWIMMING POINT CIVIC LEAGUE NELSON ARNOLD 208 SWIMMING POINT WALK 23704 399-5907 nelsonarnold@msn.com</p>	<p>MEETS QUARTERLY</p>
<p>TWIN PINES CIVIC LEAGUE REV. NATHAN THOMAS 4116 TWIN PINES ROAD 23703 484-6724 (HOME) wholetruth7@aol.com</p>	<p>NO REGULAR MEETING</p>
<p>WATERS EDGE CONDO ASSOCIATION LINDA EVANS 4710 RACE STREET 23707</p>	

<p>WATERVIEW CIVIC LEAGUE Jack Nourie 433 RIVERSIDE DRIVE 23707 933-8138 jenourie@cox.net</p>	<p>FIRST MONDAY OF THE MONTH 7:0 P.M. WESTHAVEN BAPTIST CHURCH CORNER OF CAROLINE AND KING STREETS</p>
<p>WEST PARK VIEW COMMUNITY LEAGUE LAURA JORDAN P. O. BOX 7942 23707 393-1832 jordanlh@evms.edu www.westparkview.com</p>	<p>2ND MONDAY OF THE MONTH 7:00 P.M. FIRST HOME HEALTH CARE LONDON BOULEVARD CORNER OF WILLIAMSBURG AND NORTH STREETS</p>
<p>WESTBURY CIVIC LEAGUE FREDA JOHNSON 9013 CRABAPPLE STREET 23704 399-2903 (HOME)</p>	<p>3RD THURSDAY 7:00 P.M. EFFINGHAM PLAZA COMMUNITY CENTER</p>
<p>WESTMORELAND CIVIC LEAGUE DAWN CILUMBRELLO 3226 CLOVER HILL DRIVE 23703 483-3554 (HOME)</p>	<p>EVERY OTHER MONTH ON 4TH MONDAY 7:00 P.M. GREEN ACRES PRESBYTERIAN CHURCH</p>
<p>WESTWOOD NEIGHBORHOOD WATCH DOUGLAS HENRY PRESIDENT 4725 CLINTWOOD DRIVE 23703 686-1849 (HOME)</p>	<p>3RD SUNDAY OF EACH MONTH 4:00 P.M. SCOTTISH RITE TEMPLE CEDAR LANE IN CHURCHLAND</p>

<p>WILLOW BREEZE COMMUNITY LEAGUE JOAN L. WHEELER 1 WITCH HAZEL COURT 23703 686-8137 (HOME) www.willowbreeze.org</p>	
<p>WILSON WARD/GOSPORT CIVIC LEAGUE JAMES A. OVERTON, JR. 315 ASTOR AVENUE 23704 967-9379 (HOME) 338-6441 (CELL) otall@cox.net</p>	<p>1ST TUESDAY OF THE MONTH 7:00 P.M. JOHN F. KENNEDY CENTER 12 GRAND STREET PORTSMOUTH, VA 23704</p>
<p>WISE BEACH CIVIC LEAGUE STEVE CARROLL PRESIDENT 3112 RIVEREDGE DRIVE 23703 484-5301 (HOME) 688-7368 (WORK) navygray@cox.net</p>	<p>SECOND MONDAY OF EACH MONTH (OCTOBER-JUNE) 7:00 P.M. CENTENARY METHODIST CHURCH 3312 CEDAR LANE PORTSMOUTH, VA 23703</p>

Appendix B
List of Major Employers

Major Employers

Company	Product / Service	Established	Employees
Chesapeake General Hospital	Hospital & Healthcare Services	1976	2400
QVC, Chesapeake, Inc.	Phone center/order processing facility	1988	1276
HSBC - North America	Regional processing center for financial services	1989	1200
LTD Management Co. LLC. - Marketing Division	Hotel development and management	1983	1000
LTD Management Company, LLC.	Hotel development and management	1983	810
Cox Communications	Hampton Roads Head Quarters/Customer Care Center	1997	800
EDS	National employee benefits administration service center	1999	800
Reliance Staffing Services	Employment supply service	1982	700
Lifetouch National School Studios, Inc.	School photography processing plant	1936	665
Anteon Corporation	Information Technologies, Engineering & Technical Services; light/medium industrial	1983	660
Dollar Tree Stores Inc.	Corporate headquarters and distribution facility for discount retailer	1997	660
Hudd Distribution Services	Logistics support including distribution, warehousing, packaging and transportation	2001	627
United States Coast Guard Finance Center	Financial services and data warehousing for the U.S. Coast Guard, Transportation Security Administration and the Federal Air Marshals.	1989	522
Sentara Home Care Services	Home care nursing, hospice, durable medical equipment, therapy	1999	520
ICT Group	Globally integrated supplier of customer relationship management (CRM) solutions	2005	500
First Data Resources	Card processing center	1999	500
Canon Information Technology Services Inc.	Technical and consumer support for all Canon manufactured products	1995	500
Map Communications	Inbound call center	1991	500

Major Employers

Major Employers

Company	Product / Service	Established	Employees
Centurum Inc.	Engineering, integration and installation of telecommunications, IT and satellite systems and equipment	1993	450
Givens Transportation Co. Inc. Givens Inc. Givens Logistics	Warehousing, trucking and logistics	1957	450
Smith and Keene Electric Services, Inc.	Electrical, HVAC, plumbing contractor	1947	425
Tecnico Corporation	Ship repair, shipboard alterations and installations, steel fabrication, sheet metal fabrication, hyperbaric chamber construction, outfitting and repair, shipboard habitability/joiner fabrication, diver's air systems, information technology support	1990	400
Branscome Inc.	Hot mixed asphalt and concrete. Highway, road and site construction; sand and gravel.	1991	400
Mitsubishi Kagaku Imaging Corporation	Manufacturer of organic photoconductors & toner	2005	360
Hampton Roads Mechanical Contractors, Inc.	Industrial piping, heating, ventilation and air conditioning & plumbing	1985	350
Dendrite International	Software & services company supporting pharmaceutical industry.	2001	335
TFC Recycling	Recycling and waste management; all types of recycling collection and waste removal services; recycling/disposal consulting; office recycling and confidential data destruction	1974	330
Chubb & Son A Division of Federal Insurance Company	East coast headquarters, rapid response insurance claims center	1998	300
Oceaneering	submarine and surface ship repair, diving services, waterfront facility, design, repair, and construction	1988	285
Sumitomo Machinery Corporation of America	Manufacturing of industrial gears and speed reducers	1988	269
Arc Electric, Inc.	Industrial and commercial electrical contractor	1973	266

Major Employers

Major Employers

Company	Product / Service	Established	Employees
Vico Construction Corporation	Utility contractor-sewer water drainage; concrete contractor-curb gutter concrete structure; excavation/grading contractor; pressure/vacuum cleaning service; tubgrinding service and roadway construction; wetlands mitigation; site developers.	1959	265
Capital Group Companies The home of American Funds	Financial funds management	2005	250
Mid-Atlantic Coatings, Inc.	Marine sandblasting & painting of government, cruise and commercial ships	1997	250
BAE Systems North America Technology Solutions Inc.	Design, integration, assembly, installation and maintenance of communications and information security systems; unique design and fabrication of mobile electronic systems; complex cable fabrication of all sizes and materials	1978	250
Coastal Masonry	Masonry contractor - commercial and industrial	1992	250
Chesapeake Hardwood Products Inc.	Manufacturer of prefinished interior paneling, hardwood and plywood. Diamondized UV-finished hardwoods, distribution of imported hardwood and plywood .	1989	250
Mid Eastern Builders Inc.	General contractor - commercial, industrial and utility construction; developer design-build and construction management services	1982	242
Med Systems Associates LP	Medical billing service; medical practice management	1992	240
GSTEK Inc.	Telecommunications systems design	1992	234
UpStream LLC	Global provider of outsourced customer service in the travel industry.	2003	220
Minton and Roberson Inc.	Sheet metal fabrication	1975	216
Johnson Controls	Manufacturing of automotive seats for Ford Trucks	1995	213

Major Employers

Major Employers

Company	Product / Service	Established	Employees
Plasser American Corporation	Manufacturer of railroad track maintenance machinery	1970	210
TNS Media Intelligence/CMR	Data collection center for strategic advertising intelligence and marketing information solutions to advertising agencies, broadcasters and publishers.	1999	205
Panasonic Customer Call Center	Technical support center for Panasonic, Technics and Quasar products	1996	200
Frito Lay, Inc.	Distribution of salty snacks		200
Lockheed Martin Corporation Integration and Logistics Center	Antisubmarine warfare support; engineering systems support and service; logistics support and service	1996	200
Raytheon Technical Services Company, ROTH R	Electronic systems and equipment; operations and maintenance services; engineering services	1988	200
Lowe's of Chesapeake, Inc.	Building materials, hardware and home improvement merchandise	1995	200
Chesbay Distributing Co., Inc.	Distribution of beers	1983	195
FlowServe	Manufacture industrial pumps	1993	194
Verizon	National telecommunications company (formerly Bell Atlantic)	2000	189
Waste Management of Hampton Roads	Refuse service	1988	185
White's Nursery and Greenhouses	Greenhouse, nursery and garden center	1957	184
The Titan Corp., Integrated Services Division	Government contractor. Integrated services, includes design, installation, test, technical assistance, logistics support and program mgmt. For military and commercial satellite and CUI systems.		180
Norfolk Dredging Company	Dredging services and land reclamation	1958	180
LabCorp	Medical lab testing	1992	178
Navy Exchange Command	Accounting center for the Navy Exchange Command services and goods.	2005	177

Major Employers

Major Employers

Company	Product / Service	Established	Employees
Kempsville Building Materials, Inc.	Distribution of building materials and supplies; custom mill work	1991	175
AudioVox	Assembly, warehousing and distribution of electronic automotive accessories	1991	175
Associated Distributors, Inc.	Wholesaler of wines, beers, distilled spirits and bar supplies	1987	170
Volvo Penta of the Americas Inc.	Marketing, engineering, production of marine engines and transmissions	1983	165
Boise Cascade Office Products	Office supplies and furniture; computers and technology	1994	160
Jones Transfer and Warehouse; D.D.	Logistics support including distribution, warehousing, packaging and transportation	1954	160
VSE Corporation	Government contracting: Naval engineering, technical support services. Defense contractor	1980	153
American GFM Corporation	Manufacture of machine tools	1977	152
Waste Industries Inc.	Waste removal, disposal and recycling services	1984	150
Damuth Services Inc.	Comfort systems: heating, air conditioning and control systems for commercial and industrial applications	1997	150
BT Conferencing	Telecommunications and conferencing services	2005	150
Yupo Corporation America	Manufacture synthetic paper	1996	150
Lowe's Home Center	Building materials, hardware and home equipment		150
Higgerson & Buchanan, Inc.	Heavy construction	1960	150
Information Systems Support, Inc.	Information technology services	2001	146
Heard Concrete Construction Corporation	Concrete contractor, commercial & industrial	1989	135
Electric Motor & Contracting Co. Inc.	Electric motor repair; electrical apparatus repair and service; machine shop	1983	130

Major Employers

Major Employers

Company	Product / Service	Established	Employees
AMSEC	Naval architecture / marine engineering electronic systems engineering vessel system assessments maintenance engineering /program development shipyard industrial engineering security system design / installation complete logistics services.	1999	130
Usui International Corporation	Manufacturer of fuel lines	1990	130
Anchor Canteen	Vending services	1985	125
Consumer Portfolio Services Inc.	Automobile servicing and financing.	1997	125
Sprinkle Masonry Company Inc.	Masonry subcontractor, commercial, industrial & institutional	1960	125
Ballance Electrical Service Inc.; L.E.	Electrical contractor, commercial and industrial construction. Design/build services.	1971	120
McLean Contracting Company	Industrial and marine construction; bridges, piers and bulkheads	1940	120
Precon Construction Company	Utility construction and site development	1985	120
Monarch Bank Headquarters	Financial operations and service center	1999	115
Curling Welding Service; W.E.	Gas line construction and underground utilities	1975	110
International Paper	Corrugated boxes	1963	110
BECO Construction	Building Contractors	0	105
Wartsila Lips Inc.	Marine Propulsim Systems sales service and repair	1980	103
Brink's Inc.	Financial collection and distribution, ATM service, cash and coin processing	1992	103
CACI	Research center, information sciences, systems engineering, custom software, simulation, imaging, communications integration and proprietary database & software products	1999	100

Major Employers

Major Employers

Company	Product / Service	Established	Employees
Compass Technology	Microsoft-based business and communications solutions for nonprofit commercial and government agencies	2000	100
Reynolds Service Corporation	Heavy construction and industrial equipment rental	1996	100
Southern Atlantic Label & Screen Printing Company Inc.	Custom manufacturers of identification items; screen printing; flexographic printing	1972	100
Watson Electrical Construction Co. LLC	Electrical contractor	1986	100
Westar Roofing Corporation	Roofing construction and installation		100
The Contractor Yard	Building materials including lumber and hardware	1985	100
Colonial Downs OTW	Satellite wagering facility	1996	100
Concrete Placement Systems	Acoustical soundwalls precast concrete concrete paving stamped concrete prestressed pile	1992	100

Major Employers

Major Portsmouth Employers	Approximate Number of Employees
Ship Repair, Marine Engineering & Defense Contractors	
Norfolk Naval Shipyard	8,000
Earl Industries	571
CDI Marine	330
Accurate Marine Terminal	120
Marine Terminals	
APM Terminals (Maersak)	160
Portsmouth Marine Terminal	140
Ceres Marine Terminal, Inc.	125
Government	
City of Portsmouth	2,645
City of Portsmouth Public Schools	2,400
U.S. Fifth District Coast Guard Command	1,500
Hampton Roads Regional Jail	300
Southeastern Public Service Authority (SPSA)	230
Portsmouth Redevelopment & Housing Authority	119
Health Care	
Naval Medical Center, Portsmouth	5,400
Bon Secours Maryview Medical Center	2,000
The Pines Residential Treatment Center	800
Direct Home Health Care	375
Family Care Medical Services	175
Neighbor Care	134
Autumn Care of Portsmouth	120
Golden Living Center	110
Food Processing & Distribution	
Gwaltney of Smithfield, Ltd.	500
Manufacturing/Industrial Service	
Lindab	150
Retail	
Wal-Mart Supercenter	350
Food Lion	290
Farm Fresh	135
Kroger	130
Lowe's Home Improvement Warehouse	122
Telecommunications	
WAVY-TV 10/FOX 43	177
Hospitality	
Renaissance Portsmouth Hotel	150
Contractors	
John E. Hall Electrical Construction	166
W.F. Magann Corporation	150
Service	
Chugach Support Services	215
CINTAS Corporation	164
Shared Hospital Services	125

Source: U.S. Department of Labor, Bureau of Labor Statistics, March 2008

Appendix C
Written Survey and Interview Questions

Interview Questions for RAB members/neighbors of SJCA

1. How far do you live from SJCA?
2. How long have you been a resident of the community?
3. What would you say is the general public's attitude toward SJCA? How would you describe your attitude toward SJCA?
4. Are you aware of the SJCA Environmental Restoration Program? If yes, what is your understanding of the program?
5. Have you noticed anything on SJCA or in the surrounding area that would give you concerns about SJCA activities affecting the environment? If yes, what concerns you?
6. Would you like to be informed about environmental issues at SJCA? If so, how?

<i>Virginian-Pilot Newspaper?</i>	<i>Other newspaper (which one)?</i>
<i>Television (which station)?</i>	<i>Radio (which station)?</i>
<i>Website (which site)?</i>	<i>Other?</i>
7. Have you had contact with the government officials (i.e. Navy, EPA, etc.) about the environmental cleanup activities at SJCA? If so, about how many times? How would you describe these officials' responsiveness to your concerns?
8. What effects do you think SJCA operations have had on the surrounding community?
9. Are you aware of any community concerns regarding SJCA or its operation and administration? If so, what?
10. Do you feel informed about SJCA's environmental investigations and cleanup activities and progress? If yes, how do you get your information?
11. Are you aware of any events, incidents, or activities at SJCA (or any of the specific sites at SJCA) such as vandalism, trespassing, or emergency responses from local authorities? If so, please give details.
12. Do you have any comments, suggestions, or recommendations regarding the SJCA installation Remediation program?
13. Were you aware of the environmental cleanup that occurred at Site 4 - Landfill D? If yes, how did you become aware of this Remedial Action? Do you feel well informed about the progress at the site?
14. Are you aware of any community concerns regarding Site 4, the activities conducted at the site in the past, or this Remedial Action?

15. Do you feel that the remedy selected for Site 4 – Landfill D will protect human health and the environment?

Interview Questions for Base Personnel

1. How long have you been working at SJCA?
2. How would you describe SJCA's relationship with the surrounding community?
3. Are you aware of the SJCA's Environmental Restoration Program? If yes, what is your understanding of the program?
4. Have you noticed anything on SJCA or in the surrounding area that would give you concerns about the SJCA activities affecting the environment? If yes, what concerns you?
5. Have there been any complaints, violations, or other incidents related to SJCA activities or any of the specific sites on SJCA requiring a response by your office? If so, please give details of the events and results of the responses.
6. Do you think that environmental investigation and cleanup activities have affected base activities and the surrounding community? If yes, how?
7. Are you aware of any community concerns regarding SJCA or its operation and administration? If so, please give details.
8. Are you aware of any events, incidents, or activities at SJCA (or any of the specific sites) such as vandalism, trespassing, or emergency responses from local authorities? If so, please give details.
9. Do you feel well informed about SJCA's environmental investigations and cleanup activities and progress? If yes, how do you get your information?
10. Were you aware of the environmental cleanup that occurred at Site 4 – Landfill D? If yes, how did you become aware of this Remedial Action? Do you feel well informed about progress at the site?
11. Are you aware of any community concerns regarding Site 4, the activities conducted at the site in the past, or this Remedial Action?
12. Do you feel that the remedy selected for Site 4 – Landfill D will protect human health and the environment?

2009 Community Questionnaire

St. Juliens Creek Annex (SJCA)
Community Involvement Plan

THANK YOU FOR TAKING THE TIME TO FILL OUT THIS SURVEY!

The purpose of this survey is to assess community knowledge of the Environmental Restoration Program (ERP) at St. Juliens Creek Annex (SJCA), Virginia. This survey is an important tool for helping us understand the community's concerns and information needs related to the environmental investigation and cleanup at the base.

Responses to this survey will be kept confidential. Your responses to this survey will be used in summary to help us update the Community Involvement Plan. The Community Involvement Plan describes how SJCA will communicate with the community about the environmental investigation and cleanup activities and provide opportunities for the public to be involved in the decision-making process. Please fill out the information below so that we can add your name to our mailing list to receive future fact sheets and notices of public meetings.

If you'd like information about SJCA or have any concerns regarding confidentiality of this survey, please contact Walter Bell, NAVFAC Remedial Project Manager at 757-445-6638 or Stephen Milner, Navy Public Affairs Office at 757-396-9550 or e-mail stephen.milner@navy.mil.

Thank you for your participation!

Name: _____

Mailing Address: _____

City, State, Zip: _____

Telephone: _____

Email address: _____

Please return this survey by October 23, 2009 to:

Mr. Walt Bell
NAVFAC MID LANT
9742 Maryland Avenue
Environmental Code OPHE30, Bldg N-26, Rm 3300
Norfolk, VA 23511-3095

2009 Community Questionnaire

1 How far do you live from SJCA? < 2 miles 5-10 miles
 2-5 miles > 10 miles

2 How long have you been a resident of the community? < 1 year years

3 How would you describe your "affiliation" with SJCA? (check all that apply)

<input type="checkbox"/> SJCA employee	<input type="checkbox"/> business owner	<input type="checkbox"/> representative of homeowners association
<input type="checkbox"/> SJCA former employee	<input type="checkbox"/> representative of civic or public interest organization	<input type="checkbox"/> public or elected official
<input type="checkbox"/> local resident	<input type="checkbox"/> retired military person	<input type="checkbox"/> Other (please describe)

4 a. Have you or your relatives ever worked at SJCA? yes, I have no yes, a relative has

b. If yes, for how long? years for me years for relative

5 a. On a scale of 1 to 5, with 5 being Excellent and 1 being Poor, how would you rank SJCA's relationship with the surrounding community? (If poor, please explain below.)

	(5) Excellent	(4) Better than Satisfactory	(3) Satisfactory	(2) Less than Satisfactory	(1) Poor
Trusting Relationship					
Open Communication					
Involved in the Community					
Concerned for the Environment					

b. Comments: _____

6 a. How would you rate the public's attitude toward SJCA?

Excellent Satisfactory Poor (If poor, please explain below.)

b. How would you rate your attitude toward SJCA?

Excellent Satisfactory Poor (If poor, please explain below.)

c. Do you think the relationship between SJCA and the community needs to be improved?

Yes No (If yes, please explain below.)

d. Comments: _____

2009 Community Questionnaire

7 a. Are you aware of or concerned about environmental issues at SJCA? ___ Yes ___ No

b. If yes, what issues?

8 a. Do you feel that environmental contamination at SJCA has affected the surrounding community? ___ Yes ___ No

b. If yes, in what ways? (check all that apply)

- health economic loss perception of the community
 environmental impacts quality of life other (please explain)

9 a. Have you noticed anything on SJCA or in the surrounding area that would give you concerns about the SJCA activities affecting the environment? ___ Yes ___ No

b. If yes, what concerns you? _____

10 a. Are you aware of the SJCA Environmental Restoration Program? ___ Yes ___ No

b. If yes, what is your understanding of the program? _____

11 a. How do you get your daily news?	<i>Check All That Apply</i>
The Virginian-Pilot newspaper	
Other newspaper (which one?)	
Television (which station?)	
Radio (which station?)	
Website (which site?)	
Other (please describe)	
I don't follow daily news.	

b. How do you currently receive information about environmental issues at SJCA?	<i>Check All That Apply</i>
The Virginian-Pilot newspaper	
Other newspaper (which one?)	
Television (which station?)	
Radio (which station?)	
Website (which site?)	
Restoration Advisory Board meetings	
Community meetings/open house	
Direct mailings	
Other (please describe)	
I don't receive any information about environmental issues at SJCA.	

2009 Community Questionnaire

12 Have you ever seen newspaper announcements for public meetings concerning the SJCA Environmental Restoration Program? ___ Yes ___ No

13 a. Do you know about the SJCA Restoration Advisory Board (RAB)? ___ Yes ___ No
The purpose of the RAB is to facilitate public participation in Environmental Restoration Program activities where local communities express interest in such activities.

b. If yes, how many meetings have you attended? ___ none ___ 1-2 ___ 2-5 ___ >5

c. If no, why not? ___ lack of child care ___ bad time ___ location ___ too busy ___ other

Note: If you would like to receive information on when and where the SJCA RAB meetings will be held please contact the Navy Public Affairs officer at 757-396-9550 or e-mail stephen.milner@navy.mil

14 a. Are you aware of the SJCA information repository at the Major Hillard Branch Library in Chesapeake? ___ Yes ___ No

b. If yes, have you made use of this resource? ___ Yes ___ No

c. Do you feel this is a convenient location? ___ Yes ___ No

d. If no, where would you prefer it to be? _____

15 a. Would you be interested in receiving information about the status of environmental cleanup at the base? ___ Yes ___ No

b. If yes, how frequently would you like to receive that information?

___ quarterly ___ annually ___ Other: _____

c. How would you like to receive that information?

___ newsletters ___ newspaper articles ___ radio announcements

___ public access TV announcements ___ email messages ___ SJCA tours

___ web site ___ other (please explain) _____

16 a. How many times have you had contact with government officials (i.e, Navy, EPA, VDEQ, etc.) about the environmental cleanup program at SJCA? ___ none ___ 1-5 ___ >5 _____

b. How would you rate these officials' responsiveness to your concerns?

___ Excellent ___ Satisfactory ___ Poor (If poor, please explain.) _____

17 a. Do you believe the public has confidence in the ability of the Navy and its contractors to investigate and clean up the former waste disposal sites at the base? ___ Yes ___ No

b. Why or Why Not? _____

18 a. Are there individuals or organizations in the community that tend to take a lead on issues of community concern? ___ Yes ___ No (If yes, please identify.) _____

b. Can you recommend others you think we should interview?

Name: _____ Name: _____

Phone: _____ Phone: _____

2009 Community Questionnaire

19 a. Were you aware that discarded military munitions items have been found at SJCA and removed?

Yes No

b. If yes, how did you become aware?

newspaper TV/radio word of mouth Other (please explain) _____

c. How concerned are you about discarded military munitions?

very somewhat not very not at all not sure

A Record of Decision for Site 4 – Landfill D was finalized in 2004 outlining the selected environmental cleanup strategy (Remedial Action), which consisted of soil cover, removal of wetland debris, removal of the eastern drainage ditch, and land use controls. The construction activities to implement this remedial action were conducted from March to October 2005. To ensure that the soil cover and land use controls will continue to be effective, visual inspections are conducted each year. The Remedial Action for Site 4 was selected based on findings contained in documents that are part of the Administrative Record for SJCA.

20 a. Were you aware of this Remedial Action that occurred at Site 4 – Landfill D?

Yes No

b. If yes, how did you become aware?

newspaper TV/radio word of mouth Other (please explain) _____

c. Are you aware of any community concerns regarding Site 4, the activities conducted at the site in the past, or the Remedial Action? If so, please give details. _____

d. Do you feel well informed about the environmental activities and progress at Site 4 - Landfill D?

very somewhat not very not at all not sure

e. Do you feel that the remedy selected for this site will protect human health and the environment?

very somewhat not very not at all not sure

Why or why not? _____

21 Please use the back of this survey to provide any additional comments about the environmental cleanup at SJCA.

THANK YOU for taking the time to complete this survey! This information will be used to promote and enhance relationships between SJCA and the community.

Appendix D
Written Survey Results

**2009 CIP Update Written Survey Results
St. Juliens Creek Annex
Chesapeake, Virginia**

Question	Responses (Out of 4 survey respondents)
1 How far do you live from SJCA?	
< 2 miles	2
2-5 miles	0
5-10 miles	0
> 10 miles	2
2 How long have you been a resident of the community?	
< 1 year	0
_____ years	1-50, 1-35, 1-19, 1-not a resident
3 How would you describe your "affiliation" with SJCA? (check all that apply)	
SJCA employee	0
SJCA former employee	1
local resident	0
business owner	0
representative of civic or public interest organization	0
retired military person	0
representative of home owners association	0
public or elected official	0
Other (please describe)	1 (family owned SJCA land); 3 (unable to read answer)
4 a. Have you or your relatives ever worked at SJCA?	
yes, I have	2
no	2
yes, a relative has	1
b. If yes, for how long?	
years for me	1-22, 1-15
years for relative	1-several
5 a. On a scale of 1 to 5, with 5 being Excellent and 1 being Poor, how would you rank SJCA's relationship with the surrounding community? If poor, please explain	
Trusting Relationship	average = 3.75
Open Communication	average = 4.25
Involved in the Community	average = 4
Concerned for the Environment	average = 4
b. Comments	
6 a. how would you rate the public's attitude toward SJCA?	
Excellent	0
Satisfactory	4
Poor	0
b. How would you rate your attitude toward SJCA?	
Excellent	1
Satisfactory	3
Poor	0
c. Do you think the relationship between SJCA and the community needs to be improved?	
Yes	3
No	1
d. Comments see below	
Additional comments	
"There's always room for improvement. There has been some talk about continuing concerns about the dredge spoils in the creek (St. Js) and Cradock Little League losing their ball fields. It's the usual "rumor mill" stuff. I haven't heard or seen anything about BRAC status, recently, either. If I was really concerned, I could find out though! The new additions at the Fire Training Center near the gate seem to be first class!"	
"Regular Community Meetings"	
"Any blockage of St. Juliens Creek should be dredged out and removed. I understand that a train tressle was dropped into the creek and allowed to remain blocking free tidal flow and causing the creek to fill with sludge & sediments. Land at SJCA should be restored to it's original livable conditions."	

**2009 CIP Update Written Survey Results
St. Juliens Creek Annex
Chesapeake, Virginia**

Question	Responses (Out of 4 survey respondents)
7 a. Are you aware of or concerned about environmental issues at SJCA?	
yes	4
no	0
b. If yes, what issues? <i>see below</i>	
Additional comments	
"I've been most concerned with Sites 2 & 21 since living in Brentwood but I certainly would have been concerned with the burning practices at Site 5 since I lived on Dahlgren Avenue in the 60s and 70s less than 1/4 mile away (I do remember the acrid smoke!"	
"Water/air quality"	
"Waste dumping & burning for years"	
8 a. Do you feel that environmental contamination at SJCA has affected the surrounding community?	
yes	3
no	0
did not comment	1
b. If yes, in what ways? (check all that apply)	
health	2
environmental impacts	3
economic loss	1
quality of life	2
perception of the community	2
other (please explain)	0
9 a. Have you noticed anything on SJCA or in the surrounding area that would give you concerns about the SJCA activities affecting the environment?	
yes	1
no	3
b. If yes, what concerns you? <i>see below</i>	
Additional comments	
"Government toxic waste storage & dump."	
"None at present time. SJCA and the U.S. government seems to have gotten serious about environmental impact concerns."	
10 a. Are you aware of the SJCA Environmental Restoration Program?	
yes	3
no	1
b. If yes, what is your understanding of the program? <i>"attend RAB meetings"</i>	
11 a. How do you get your daily news?	
The Virginian-Pilot newspaper	4
Other newspaper (which one?)	0
Television (which station?) <i>"all local stations, 10, 13, & 3"</i>	3
Radio (which station?) <i>"WHRV"</i>	3
Website (which site?) <i>"CNN, FNC, USAtoday, pgh.trib, agh.postgazzette"</i>	3
Other (please describe) <i>"ADL news"</i>	1
I don't follow daily news	0
b. How do you currently receive information about environmental issues at SJCA?	
The Virginian-Pilot newspaper	2
Other newspaper (which one?)	0
Television (which station?) <i>"10, 13, and 3"</i>	1
Radio (which station?)	0
Website (which site?) <i>"SJCA public website"</i>	1
Restoration Advisory Board meetings	3
Community meetings/open house	2
Direct mailings	3
Other (please describe)	0
I don't receive any information about environmental issues at SJCA.	0

2009 CIP Update Written Survey Results
St. Juliens Creek Annex
Chesapeake, Virginia

Question	Responses (Out of 4 survey respondents)
12 Have you ever seen newspaper announcements for public meetings concerning the SJCA Environmental Restoration Program?	
yes	1
no	3
13 a. Do you know about the SJCA Restoration Advisory Board (RAB)?	
yes	3
no	1
b. If yes, how many meetings have you attended?	
none	1
1-2	1
2-5	0
> 5	2
c. If no, why not?	
lack of child care	0
bad time	0
location	0
too busy	1
other	0
14 a. Are you aware of the SJCA Information repository at the Major Hillard Branch Library in Chesapeake?	
yes	3
no	1
b. If yes, have you made use of this resource?	
yes	2
no	2
c. Do you feel this is a convenient location?	
yes	4
no	0
d. If no, where would you prefer it to be?	
15 a. Would you be interested in receiving information about the status of environmental cleanup at the base?	
yes	4
no	0
b. If yes, how frequently would you like to receive that information?	
quarterly	2
annually	2
other	0
c. How would you like to receive that information?	
newsletters	2
public access TV announcements	0
web site	2
newspaper articles	0
email messages	3
radio announcements	0
SJCA tours	0
other (please explain) "email messages with links to website and/or FTP repository"	1
16 a. How many times have you had contact with government officials (i.e., Navy, EPA, VDEQ, etc.) about the environmental cleanup program at SJCA?	
none	1
1-5	1
> 5	2
b. How would you rate these officials' responsiveness to your concerns?	
Excellent	1
Satisfactory	2
Poor (if poor, please explain)	0

**2009 CIP Update Written Survey Results
St. Juliens Creek Annex
Chesapeake, Virginia**

	Question	Responses (Out of 4 survey respondents)
17	a. Do you believe the public has confidence in the ability of the Navy and its contractors to investigate and clean up the former waste disposal sites at the base?	
	yes	3
	no	1
	b. Why or why not? <i>see below</i>	
Additional comments		
"Based on feed back at RAB meetings"		
"Continuing and ongoing best practices seem to be yielding good results"		
"Long history/news, government cover-ups, bad press, etc."		
18	a. Are there individuals or organizations in the community that tend to take a lead on issues of community concern?	
	yes	3
	no (if yes, please identify)	0
	b. Can you recommend others you think we should interview?	
	name/phone	one person recommended
19	a. Were you aware that discarded military munitions items have been found at SJCA and removed?	
	yes	4
	no	0
	b. If yes, how did you become aware?	
	newspaper articles	0
	TV/radio	0
	word of mouth	2
	Other (please explain) " <i>RAB newsletters</i> " and " <i>RAB</i> "	3
	c. How concerned are you about discarded military munitions?	
	very	2
	somewhat	1
	not very	1
	not at all	0
	not sure	0
20	a. Were you aware of this Remedial Action that occurred at Site 4 - Landfill D?	
	yes	4
	no	0
	b. If yes, how did you become aware?	
	newspaper	0
	TV/radio	0
	word of mouth	1
	other (please explain) " <i>RAB meeting</i> " and " <i>neighbors</i> " and " <i>RAB</i> "	4
	c. Are you aware of any community concerns regarding Site 4, the activities conducted at the site in the past, or the Remedial Action? If so, please give details. <i>See below.</i>	
	d. Do you feel well informed about the environmental activities and progress at Site 4 - Landfill D?	
	very	2
	somewhat	2
	not very	0
	not at all	0
	not sure	0
	e. Do you feel that the remedy selected for this site will protect human health and the environment?	
	very	1
	somewhat	2
	not very	1
	not at all	0
	not sure	0
	Why or why not? <i>See ** below</i>	0
Additional comments		
"I'm aware that all remedial actions are cost drive. 'Perfect and pristine' are never possible. The best 'bang for the buck' practices tend to be, over time, sufficient to protect all concerns."		
"Lack of knowledge - How much, how long, what dumped, extent of past cleanups, probable 'lost' paperwork"		
"Reasonable response based on available data"		
21	Please use the back of this survey to provide any additional comments about the environmental cleanup at SJCA.	

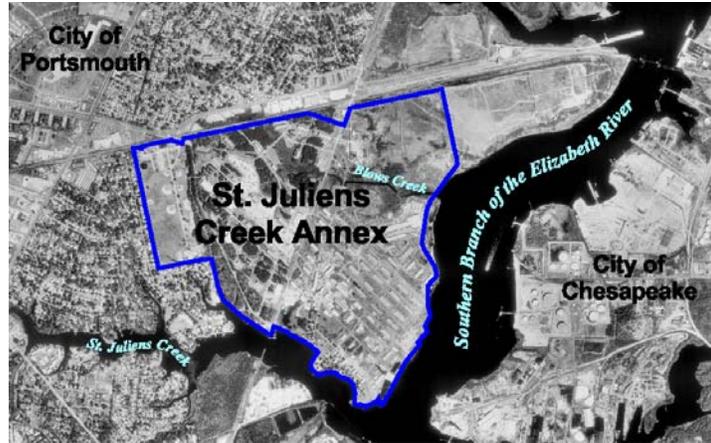
Appendix E
St. Juliens Creek Annex Fact Sheet



St. Juliens Creek Annex, Chesapeake, Virginia Environmental Restoration Program

St. Juliens Creek Annex

The St. Juliens Creek Annex (SJCA) facility covers approximately 490 acres at the confluence of St. Juliens Creek and the Southern Branch of the Elizabeth River in the City of Chesapeake. Most surrounding land is developed and includes residences, schools, recreational areas, large and small industries, and a railroad corridor.



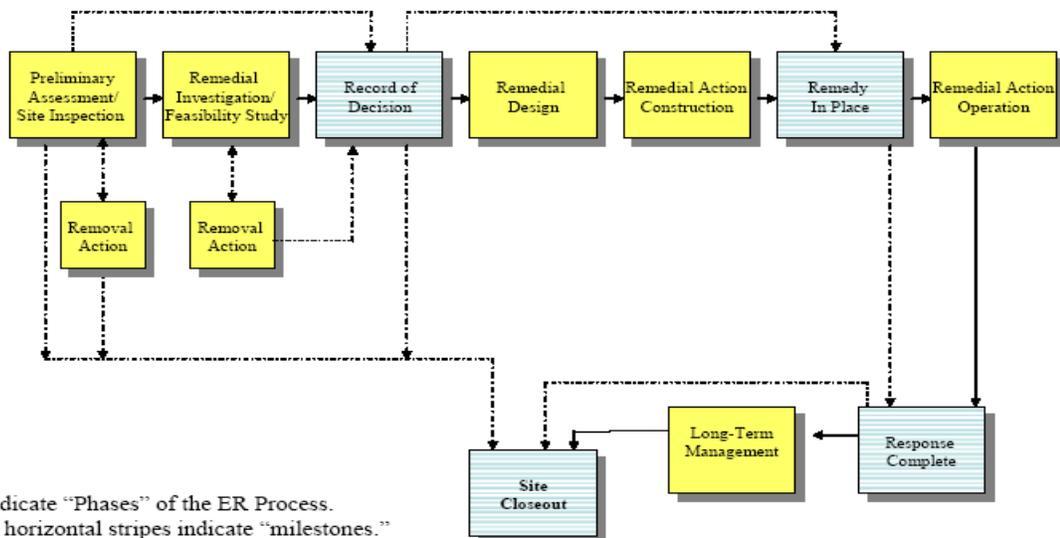
SJCA began operations as a naval ammunition facility in 1849. For a majority of its history, the SJCA facility was used for the storage and transportation of

ammunition and ordnance. Past operations at SJCA included wartime transfer of ammunition to various other naval facilities throughout the United States and abroad. SJCA has also been involved in non-ordnance operations, including degreasing operations; paint, machine, vehicle and locomotive maintenance, pest control, battery, print, and electrical shop operations; boiler plant operations; wash rack operations; potable water and salt water fire-protection systems; fire-fighter training operations; and storage of oil and chemicals.

Activity at SJCA has decreased in recent years and many of the aging structures are being demolished. The current primary mission of SJCA is to provide a radar-testing range and various administrative and warehousing facilities for local naval activities.

Environmental Restoration Program

In 1975 the Department of Defense (DOD) initiated a program to identify contamination and remediate problems associated with the past environmental releases of hazardous substances or petroleum products. In 1980, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly referred to as "Superfund," was passed and the National Priorities List (NPL) of Superfund sites was initiated. Though CERCLA did not apply to military facilities, the DOD adopted the program as a model for environmental cleanup.



Notes:

Yellow boxes indicate "Phases" of the ER Process.

Boxes with blue horizontal stripes indicate "milestones."

In 1986, Congress passed the Superfund Amendments and Reauthorization Act (SARA), which mandated that DOD follow the same cleanup regulations that apply to private entities. SARA also established the Defense Environmental Restoration Program (ERP). The Installation Restoration Program (IRP) was established to address releases of hazardous substances, pollutants, and contaminants at military installations. Furthermore, as part of the Fiscal Year 2002 Defense Authorization Act, Congress mandated that DOD develop a program to address military munitions. As a result, the Munitions Response Program (MRP) was developed. The ERP is therefore divided into the IRP, to address contamination from hazardous substances and pollutants, and the MRP, to address military munitions.

SJCA was listed as a Superfund site in July 2000. To manage the ERP and the CERCLA process, SJCA works in partnership with the Virginia Department of Environmental Quality (VDEQ) and the United States Environmental Protection Agency (EPA).

Community participation in environmental activities at SJCA includes a Restoration Advisory Board (RAB), public meetings, an information repository at a local library, fact sheets, a Community Involvement Plan (CIP) to describe how SJCA interacts with the community, public notices, and a web site (<http://public.lantops-ir.org/sites/public/sjca/>).

The RAB was formed in 1999 and consists of community members and representatives of the Navy, VDEQ, and EPA. RAB meetings are generally held twice per year (normally in May and October) and are open to the public to provide opportunity for comment and input on the ERP.

For more information about the RAB or the SJCA ERP contact:

Stephen Milner (Navy Public Affairs Officer)
757-396-9550

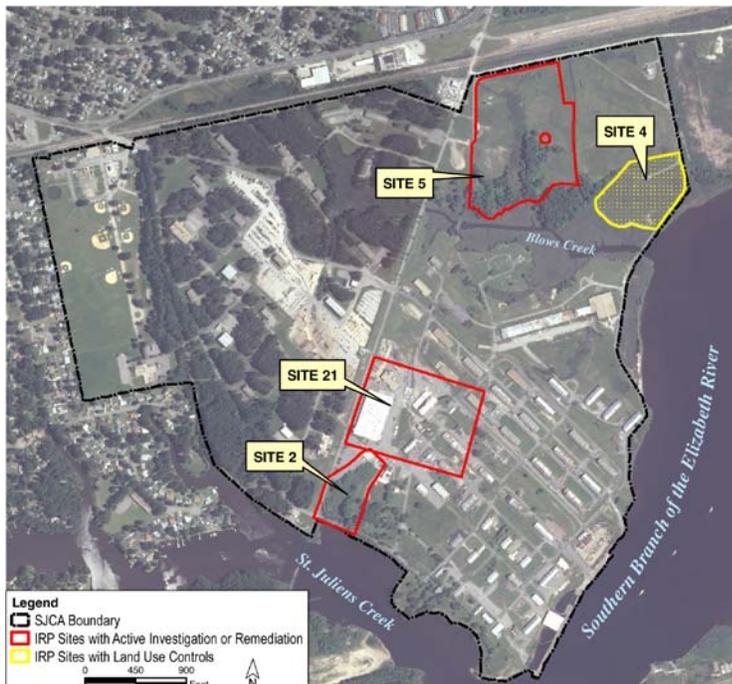
Mr. Walter Bell (Navy Co-Chair)
757-445-6638

The Information Repository for SJCA is:

Major Hillard Library
824 Old George Washington Hwy
Chesapeake, VA 23323
757-410-7078

Installation Restoration Program Sites

There are currently four active IRP sites that are being addressed using the CERCLA process. Fifty-four IRP sites have been closed after the results of desktop audits or field investigations revealed that no further action (NFA) is required.



IRP Sites with Active Investigation or Remediation:

Site 2: Former Waste Disposal Area B

Background: Site 2 is an unlined waste disposal area covering approximately 5.7 acres in the southern portion of SJCA. In the center of Site 2 is a tidal inlet that is connected to St. Juliens Creek through a 36-inch culvert. The waste disposal area operated from 1921 until some time after 1947. Initially, refuse was burned openly onsite and used to fill in the inlet area. Mixed municipal wastes, solvents, waste ordnance, and abrasive blast media from ship overhaul and repair operations were disposed of at the site. An incinerator was installed in 1942 to replace the opening burning practices.



Remedial Investigation (RI) activities have indicated potential risks to human health and the environment from exposure to chemicals in waste, soil, sediment, surface water, and shallow aquifer groundwater. The primary contaminants are chlorinated solvents (trichloroethene [TCE] and its breakdown products) in shallow groundwater and surface water and inorganics and polycyclic aromatic hydrocarbons (PAHs) in soil and sediment.

CERCLA Status: A Feasibility Study (FS) report, which includes development of Remedial Action Objectives (RAOs) and development and evaluation of remedial alternatives to protect to mitigate unacceptable risks to human health and the environment, has been prepared and is currently under regulatory review.

Next Steps: Following completion of the FS, a Proposed Plan will be prepared to present the remedial alternatives developed in the FS and recommend a preferred remedial method, and released for public comment. Following public comment, the Navy will make a final decision (subject to input from VDEQ and approval by the EPA) and a Record of Decision (ROD) document will be prepared.

Site 5: Former Burning Grounds



Background: Site 5 consists of approximately 23 acres located in the northeastern portion of SJCA. The site currently consists of an open field with a wetland in the center and a forested area and Blows Creek to the south. Much of the Site 5 area was historically used for placement of dredge spoil material that reportedly originated from Blows Creek and the Southern Branch of the Elizabeth River. Operations began at the Burning Grounds in the 1930s when waste ordnance materials were disposed of by open burning. Tetryl,

trinitrotoluene (TNT), fuzes, solvents, paint sludge, pesticides, and various types of refuse were also disposed. In mid-1977, the Burning Grounds surface was used for facility-wide decontamination of ordnance equipment and material. The decontamination process included filling equipment from buildings with oil and straw and igniting them. Afterwards, the ground surface was reportedly covered with oil and straw and burned. The top 6 inches of soil was then diced, and the ground surface was covered with oil and straw and burned again. A 4.3-acre unlined waste disposal area is located in the center of the site.

Blows Creek, a tidally-influenced brackish water tributary to the Southern Branch of the Elizabeth River, runs along the southern extent of Site 5 and through the center of SJCA. Several IRP sites are located within the Blows Creek drainage basin and have been identified as potential historical sources to Blows Creek; however, it is being addressed as part of Site 5 under the IRP.



RI activities indicated potential risks to human health and the environment from exposure to chemicals in waste, soil, and drainage sediment. The primary contaminants are inorganics and pesticides. An Engineering Evaluation/Cost Analysis was conducted to evaluate alternatives to address the waste/burnt soil area and impacted surface soil and drainage sediment areas and recommended a removal action of those areas. A Baseline Ecological Risk Assessment was conducted to determine whether historical contributions to Blows Creek from upland Navy IRP sites, including Site 5, caused adverse environmental impacts in the creek. Results indicated that NFA was necessary..

CERCLA Status: A removal action is currently being conducted to address potential risks to human health and the environment.

Next Steps: Following the removal action, a Proposed Plan and ROD will be prepared to close the site with NFA. The NFA recommendation for Blows Creek will be documented in the Proposed Plan and ROD for Site 5.



Site 21: Industrial Area

Background: Site 21 is an industrial area in the south-central portion of SJCA. Buildings at Site 21 were historically used as machine, vehicle, and locomotive maintenance shops; electrical shops; and munitions loading facilities. A fuel service station was also located in the vicinity. Outdoor areas were used for equipment and chemical storage. Several of these buildings and/or their surrounding areas were former IRP sites. Many of the older buildings at the site have been demolished. The existing buildings and the Site 21 area are currently used for storage and maintenance activities. An

active warehouse used by former Mid-Atlantic Regional Maintenance Center (MARMC) was constructed in 1992. A storm sewer system runs through the site and drains to a downstream inlet (Site 2) to St. Juliens Creek.

RI activities indicated potential risks to human health from exposure to chlorinated solvents (TCE and its breakdown products) in the shallow aquifer groundwater. Potential risk associated with vapor intrusion into onsite buildings was also identified.

CERCLA Status: An Interim ROD has been prepared and is currently undergoing review. The ROD is "interim" because it does not fully address all potential site concerns. The response action selected in the Interim ROD addresses risk from potable use of shallow groundwater and is being implemented as an interim action in order to reduce COC concentrations while other media are being investigated. Collection of data to further evaluate the potential risk from vapor intrusion is ongoing.

Next Steps: Results of the vapor intrusion investigation will be documented in an addendum to the RI and if risk is identified, it will be incorporated into an FS addendum. Following completion of the vapor intrusion investigation, a final Record of Decision will be prepared to address the site as a whole, including the vapor intrusion pathway.

IRP Sites with Land Use Controls:

Site 4: Landfill D

Background: Landfill D consists of 8.3 acres in the northeastern portion of SJCA at the confluence of Blows Creek and the Southern Branch of the Elizabeth River. The first indication of activity at Site 4 was trenching identified on a historical aerial photograph from 1961. From 1970 until 1981, sanitary landfill operations were conducted at Site 4 and the wastes managed were primarily trash, wet garbage, construction material, and out-dated civil defense storage material. RI activities indicated potential risks to human health and the environment from exposure to chemicals in waste, soil, and drainage sediment.

CERCLA Status: A remedial action was conducted from March through October 2005 and included:

- Installation of a minimum 2-foot soil cover over the landfill
- Removal of surface debris from the wetland area adjacent to Blows Creek
- Removal of drainage sediment and re-construction of site drainages
- Implementation of Land Use Controls (LUCs) to prohibit digging into or disturbing the soil cover or landfill contents and to prohibit future residential use and development of the site

A Remedial Action Completion Report was finalized in September 2006 documenting the completion of the remedial action and demonstrating that the RAOs described in the FS had been met.

Next Steps: Because waste remains at the site, annual inspections and five year reviews will be conducted to ensure that the remedy continues to protect human health and the environment. The five year review is ongoing.



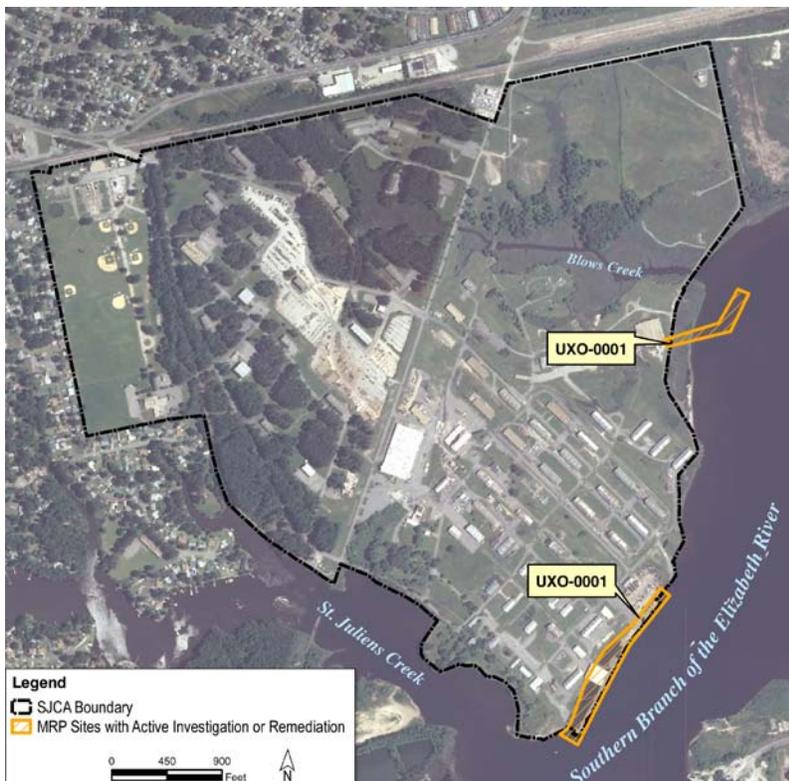
Munitions Response Program Sites

There is currently one active MRP site being addressed using the CERCLA process.

Area UXO-0001: Wharf Area Sediments

Background: UXO-0001 is the current and former wharf areas and piers along the shoreline of the Southern Branch of the Elizabeth River, comprising approximately 1,520 linear feet. The northern wharf area was constructed in 1917 for loading ordnance and was previously identified as Site 20 in the IRP. Pilings are all that remain of this wharf area. A second wharf area was constructed in the southern portion of SJCA during World War II. Ordnance loading activities continued until the early 1970s. The wharf was damaged when two ships struck the wharf in 1975; however, portions of the wharf are still functional.

Numerous metallic contacts were identified in the northern wharf area during a site reconnaissance and magnetometer survey; however, contacts indicate all types of metallic objects and do not necessarily indicate the presence of buried ordnance and no visual confirmation of the contacts has been made. A Site Screening Assessment using sediment samples collected in the northern wharf area was conducted to determine the potential for environmental impacts. The assessment indicated minimal ecological risks.



CERCLA Status: Based on the findings of the SSA, Site 20 was closed with NFA recommended under the IRP and the site was to be addressed under the Navy's Range Program.

MRP Status: The Navy's Range Program was never fully implemented, and munitions response sites are now being addressed under the MRP. The history of the wharf areas indicates a potential explosive safety, human health, or environment risk resulting from the potential presence of munitions and explosives of concern; therefore, in 2008 the wharf areas were identified as UXO-01 and included under the MRP. A Preliminary Assessment was completed for UXO-01 and recommended further investigation based on anecdotal

evidence that munitions may have been dropped during ordnance loading operations.

Next Steps: A Site Investigation is currently being planned and will be conducted in two phases beginning this year.