Final

Community Involvement Plan

St. Juliens Creek Annex
Chesapeake, Virginia

Contract Task Order WE94

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Acronyms and Abbreviations

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
ERP	Environmental Restoration Program
FFA	Federal Facility Agreement
FS	Feasibility Study
HRS	Hazard Ranking System
IAS	Initial Assessment Study
IR	Installation Restoration
LUC	land use control
MRP	Munitions Response Program
NACIP	Navy Assessment and Control of Installation Pollutants
NAVFAC	Naval Facilities Engineering Command
Navy	Department of the Navy
NFA	no further action
NNSY	Norfolk Naval Shipyard
NPL	National Priorities List
PA	preliminary assessment
PAO	Public Affairs Officer
POC	point of contact
RA	remedial action
RAB	Restoration Advisory Board
RA-C	remedial action-construction
RAO	remedial action objective
RA-O	remedial action-operation
RC	response complete
RCRA	Resource Conservation and Recovery Act
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
SI	site inspection
SJCA	St. Juliens Creek Annex
SMP	Site Management Plan
SWMU	solid waste management unit
TAG	Technical Assistance Grant
TAPP	Technical Assistance for Public Participation

TCC	Tidwater Community College
TCRA	time-critical removal action
USEPA	United States Environmental Protection Agency
VDEQ	Virginia Department of Environmental Quality

SECTION 1

Community Involvement Plan Overview

1.1 Introduction

This Community Involvement Plan (CIP) presents the objectives and approach for implementing a community involvement program in support of work being performed under the United States Department of Defense (DoD) Environmental Restoration Program (ERP) at St. Juliens Creek Annex (SJCA), Chesapeake, Virginia. Environmental studies and cleanup activities are being conducted following the procedures set forth in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), or Superfund. The United States Environmental Protection Agency (USEPA) and Virginia Department of Environmental Quality (VDEQ) work with the Department of the Navy (Navy) to conduct the ERP activities at SJCA.

This CIP 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, 2014a)
- *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)

This plan is the third 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), and the second in February 2010 (NAVFAC, 2010).

1.2 Community Involvement Program Goal and Implementation

The goal of the community involvement program is to advocate and strengthen early and meaningful community participation during Superfund cleanups. This CIP presents the facility-specific strategy to enable meaningful community involvement throughout the Superfund cleanup process. CIPs specify the community involvement activities that will be taken to address community needs, concerns, and expectations, as identified through community interviews and other means. The CIP serves as a useful reference that the SJCA Partnering Team (consisting of representatives from Naval Facilities Engineering Command [NAVFAC], USEPA, and VDEQ) turns to during the Superfund process for advice on appropriate activities for community involvement. The CIP also enables community members to understand the ways in which they can participate in decision making throughout the cleanup process.

NAVFAC Mid-Atlantic administers the ERP at SJCA and is ultimately responsible for implementing the associated community involvement program and this CIP. The Norfolk Naval Shipyard (NNSY) Commanding Officer (SJCA is a non-contiguous property to NNSY in Portsmouth, Virginia), with support from the Environmental Management Division and the Public Affairs Department, has the overall responsibility for administering this CIP. The Navy partners with VDEQ and USEPA Region 3 to ensure compliance with State and Federal regulations. Section 4.1.1 —Designate Navy Contacts, lists the names, physical addresses, e-mail addresses, and telephone numbers of individuals who can respond to public inquiries or provide relevant information to the public.

[1] The term "Community Relations Plan" was replaced with "Community Involvement Plan" after the publication of USEPA's 2002 *Superfund Community Involvement Handbook.*

SECTION 2

Facility Description and History

2.1 Facility Description

The SJCA facility is 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**). NNSY is located approximately 1.5 miles north of SJCA.

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 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 foot 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 Facility History

SJCA began operations as a naval facility in 1849. The annex 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 the Yorktown Naval Weapons Station. As a result, decontamination was performed in, around, and under ordnance-handling facilities at SJCA in 1977.

SJCA has also provided non-ordnance services, including degreasing; operation of paint shops, machine shops, vehicle and locomotive maintenance shops, pest control shops, battery shops, print shops, electrical shops, boiler plants, wash racks, and potable water and saltwater fire-protection systems; fire-fighter training; and storage of oil and chemicals.

Activity at SJCA has decreased 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 and light industrial shops for nearby NNSY and other local naval activities. Defense Reutilization and Marketing Office storage; Space and Naval Warfare Systems Command; Fleet and Industrial Supply Center, Norfolk Integrated Logistics Support; and a cryogenics school are currently located within SJCA.

2.3 Facility Environmental Restoration Program

In 1975, the 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. In 1976, the Resource Conservation and Recovery Act (RCRA) was passed by Congress to address potentially adverse human health and environmental impacts from hazardous waste management and disposal practices. RCRA was legislated to

manage the present and future disposal of hazardous wastes. In 1980, Superfund was passed. Though Superfund did not apply to military facilities, the DoD adopted the program as a model for environmental cleanup.

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 (IRP) 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. Therefore, the ERP is divided into the IRP and MRP.

SJCA initiated its environmental investigation efforts by conducting an Initial Assessment Study (IAS) in 1981 (NEESA, 1981) followed by a Preliminary Assessment (PA) in 1983 (NUS Corporation, 1983) and RCRA 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 that identified areas of potential environmental concern.

To assess whether SJCA should be proposed for the National Priorities List (NPL) (USEPA, 2014b), 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 Superfund process. The Team consists of representatives from NAVFAC, USEPA, and VDEQ and meetings are held quarterly, or more frequently as necessary. The Federal Facility 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.

A total of 59 potentially-contaminated ERP sites, SWMUs, and AOCs had been identified for evaluation at SJCA based on assessments and investigations. At the time this plan was developed, 55 of those sites had been determined to require no further action (NFA) under the ERP by the SJCA Tier I Partnering Team following desktop audits, site inspections, and/or removal actions (**Figure 2-2**) (CH2M HILL, 2014). Four of the sites are currently active in the IRP (Site 2, Site 4, Site 5, and Site 21) (**Figure 2-3**). **Table 2-1** provides a summary and the status of each site. Additional details can be found in the SMP (CH2M HILL, 2014). The fact sheets included in **Appendix A** provide a brief history, description, investigation summary, and Superfund status for each of the active ERP sites.

2.4 Superfund Process

The objectives of the Superfund process are to evaluate and, if determined necessary, remediate environmental releases or threatened releases to air, surface water, groundwater, sediment, and soil. The major elements of the Superfund process are summarized in the following subsections.

2.4.1 Preliminary Assessment/Site Inspection

The PA is a limited-scope assessment designed to distinguish between sites that clearly pose little or no threat to human health or the environment and those that may pose a threat and require further investigation. This stage typically involves a review of historical documents and a virtual site inspection. Based on the results, the PA may result in a determination of NFA, completion of a Site Inspection (SI) if there is insufficient information to reach an NFA decision, an Engineering Evaluation/Cost Analysis (EE/CA) and removal action if significant threat to human health or the environment exists, or a Remedial Investigation (RI)/Feasibility Study (FS) if remediation is deemed necessary.

If the PA recommends an SI, the SI is conducted to eliminate from further consideration those releases that pose no significant threat to human health and the environment, to determine the potential need for a removal action, to collect or develop data to evaluate the release pursuant to the HRS, and to collect data to better characterize a release for more effective and rapid initiation of the RI/FS. If the SI recommends further investigation and/or remediation, an RI/FS or an EE/CA and removal action is initiated. The sites that do not require further investigation or response are designated as NFA sites.

2.4.2 Remedial Investigation/Feasibility Study

Based on the results of the PA/SI, an RI may be conducted. The RI is designed to characterize site conditions, determine the nature and extent of contamination, assess the risk to human health and the environment posed by site contamination, and provide a basis for decisions on further response actions or NFA. During the RI, environmental samples are usually collected from all the media present at the site. The RI should provide information to refine the conceptual site model and form the basis for the development of Remedial Action Objectives (RAOs) and remedial strategies that will comprise the FS.

The FS is the mechanism for the development, screening, and detailed evaluation of remedial alternatives to meet environmental requirements and protect human health and the environment. The overall objectives of an FS are to develop and evaluate potential remedies that permanently and significantly reduce the threat to public health, welfare, and the environment; select a cost-effective Remedial Action (RA) alternative that mitigates the threat(s); and provide the basis for achieving consensus regarding the selected response action.

The RI and FS can be conducted concurrently. Data collected in the RI influence the development of remedial alternatives in the FS, which in turn affect the data needs and scope of potential treatability studies and additional field investigations. This phased approach encourages the continual scoping of the site characterization effort, which minimizes the collection of unnecessary data and maximizes data quality.

Generally, the need for a treatability study is identified during the FS. Treatability studies are performed to assist in the evaluation of a potentially promising remedial technology. The primary objectives of treatability studies are to provide sufficient data to allow treatment alternatives to be fully developed and evaluated during the FS and to support the Remedial Design of a selected alternative. Treatability studies may be conducted at any time during the process.

Treatability studies may be classified as either bench-scale (laboratory study) or pilot-scale (field studies). For technologies that are well-developed and tested, bench-scale studies are often sufficient to evaluate performance. For innovative technologies, pilot-scale tests may be required to obtain the desired information. Pilot-scale tests simulate the physical and chemical parameters of the full-scale process and are designed to bridge the gap between bench-scale and full-scale operations. Generally, a pilot-scale system is deployed onsite to collect the required information. Treatability studies also may be needed during the Remedial Design/RA phase to obtain more detailed information about operations, performance, and cost associated with designing a full-scale treatment system.

2.4.3 Engineering Evaluation and Cost Analysis/Removal Action

A removal action is a response implemented in an expedited manner to address releases or threatened releases in order to mitigate the spread of contamination. Removal actions may be implemented at any time during the CERCLA process. Removal actions are classified as either Time-critical Removal Actions (TCRAs) or Non-time-critical Removal Actions (NTCRAs). Actions taken immediately to mitigate an imminent threat to human health or the environment, such as the removal of corroded or leaking drums, are classified as TCRAs. Removal actions that may be delayed for 6 months or more without significant additional harm to human health or the environment are classified as NTCRAs.

For an NTCRA, an EE/CA is prepared rather than the more extensive FS. An EE/CA focuses only on the substances to be removed rather than all contaminated substances at the site. For EE/CAs, the public is provided an opportunity to comment during an announced formal public comment period. A removal action can be either the final remedy or an interim action followed by an RA as the final remedy, depending on the extent to which the threats are mitigated by the action. A removal action, when implemented as the final remedy, can be used for fast

and significant reductions in risk and for mitigating long-term threats. In cases where the removal action is the final remedy, the removal action may lead to NFA for the site. If the removal action was accomplished during the RI/FS phase, any final determination of NFA must be documented in a Record of Decision (ROD). If the nine NCP criteria were not addressed as part of the EE/CA or Action Memorandum, a focused FS would be needed, followed by a ROD.

2.4.4 Proposed Plan/Record of Decision

The remedy selection process involves identifying a preferred response action strategy from those alternatives evaluated in the FS. The preferred alternative is based first on each alternative's ability to satisfy the threshold criteria, and then on trade-offs among alternatives considering the primary balancing criteria. Furthermore, results of the risk assessment need to be factored into the selection of the remedy. The remedy selection process includes a Proposed Plan and a ROD.

A Proposed Plan presents the remedial alternatives developed in the FS and recommends a preferred remedial method. The public has an opportunity to comment on the Proposed Plan during an announced formal public comment period. During the public comment period for a Proposed Plan, a public meeting is held to provide supporting information. At the end of the public comment period, an appropriate remedial alternative is chosen to protect human health and the environment.

The ROD documents the remedy selection process and the selected remedy, including NFA determinations for sites that were addressed during the RI/FS phase. All parties directly involved in the ERP (Navy, USEPA, VDEQ, and the public) must agree on the selected alternative. Any public comments received on the Proposed Plan are addressed as part of the responsiveness summary in the ROD. 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. Once the ROD has been signed, the Remedial Design/RA process is initiated.

An interim RA may be selected for a site to take quick action to protect human health and the environment from an imminent threat in the short term, while a final remedial solution is being developed; or to institute temporary measures to stabilize the site and/or prevent further migration of contaminants or further environmental degradation. If an interim RA is selected, an Interim Proposed Plan and an Interim ROD are developed in accordance with the process detailed above. Because an interim action is limited in scope and may not address all site areas or media, the interim action is followed by a final Proposed Plan and ROD for the site.

2.4.5 Remedial Design/Remedial Action

Subsequent to the ROD, Remedial Design/RA activities are implemented for sites requiring further action. The technical specifications for cleanup remedies and technologies, including terms and conditions for establishing and maintaining land use controls (LUCs), are designed in the Remedial Design phase. The purpose of the Remedial Design phase is to convert the conceptual design for the selected remedy from the FS into a full-scale detailed design for implementation. The Remedial Design phase includes preparation of technical Remedial Design work plans, drawings, specifications, and RA work plans.

LUCs restrict use of, and may also limit access to, real property where contamination remains in place. LUCs, which consist of engineered controls and institutional controls, are placed on ERP sites to protect human health and the environment until such time, if ever, they are no longer needed. Engineered controls include fences, signs, and other physical means of regulating access to, and use of, real property. Institutional controls are legal and administrative restrictions on land use, such as notations on installation land use plans, notices recorded in public land records, and periodic site inspections. LUCs may be modified as site conditions change. Field inspections are required at least annually to assess the conditions of all sites subject to LUCs. These inspections shall determine whether the current land use remains protective and consistent with all RA/corrective measures objectives outlined in the ROD.

The RA phase is the actual construction or implementation of the cleanup process and implementation of LUCs, if applicable. The RA start date is defined as the date the contractor has mobilized and begun substantial and continuous physical onsite RA. The start date is important because it triggers the beginning of the Five-year

Review cycle, if one is required. The RA phase involves two main components—Remedial Action-Construction (RA-C) and Remedial Action-Operation (RA-O).

Interim RAs are implemented to provide temporary mitigation of human health risks or to mitigate the spread of contamination in the environment. Similar to removal actions, they may be implemented at any time during the process. Examples of interim RAs include installing a pump-and-treat system for product recovery from the groundwater or installing a fence to prevent direct contact with hazardous materials. For interim RAs, a focused FS is sometimes prepared rather than the more extensive FS. As with the removal action, an interim RA may become the final RA if the results of the risk assessment indicate that no further RA is required to protect human health and the environment.

For long-term remedies where it is anticipated that RAOs will be achieved over a long period, the RIP milestone signifies the completion of the RA-C phase and that the remedy has been implemented and has been demonstrated to be functioning as designed (for example, initial testing has been accomplished and shows that the remedy will function properly). Once RIP is completed for a site, an Interim Remedial Action Completion Report is prepared to document that the remedy is constructed and operating successfully.

2.4.6 Response Complete, Long-Term Management, and Site Closeout

Response Complete (RC) is a milestone signifying that the DoD component has met the RAOs for a site, documented the determination, and sought regulatory agreement. RC signifies that the DoD has determined, at the end of the PA/SI or RI, that no additional response action is required; achieved RIP and the required RA-O has achieved the RAOs; or where there is no RA-O phase, then the RA-C has achieved the RAOs. Once RC has been achieved for a site, a Remedial Action Completion Report is prepared to demonstrate that the remedy is complete and the RAOs are met.

RC is followed by long-term management or individual site closeout. Long-term management may be required to monitor long-term protectiveness of the remedy, and may include implementation and management of LUCs, groundwater monitoring, and preparation of Five-year Review reports. Long-term management is required at sites where hazardous substances, pollutants, or contaminants remain onsite at levels that prevent unlimited use and unrestricted exposure after RC.

Five-year Reviews are required by CERCLA when hazardous substances remain onsite above levels permitting unrestricted use and unlimited exposure. Five-year Reviews provide an opportunity to evaluate the implementation and performance of a remedy to determine whether it remains protective of human health and the environment. Generally, reviews are performed 5 years after the initiation of a CERCLA response action and are conducted every 5 years as long as future uses remain restricted. Five-year Reviews for SJCA are performed by the Navy, the lead agency for the site, but USEPA retains responsibility for determining the protectiveness of the remedy.

Site closeout signifies the remedy is protective of human health and the environment, and that active site management and monitoring are no longer needed.

Once RCs or RIPs have been documented for every site at the facility and the terms of the FFA (DoD, 2004) have been met, facility closeout and NPL deletion is requested.

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

Site ID	Name/Description	Other ID	Comments	Documentation of Closure or Response Complete
Installation Restoration Program Sites				
Site 2	Waste Disposal Area B	Dump B; Dump B Incinerator; Dump B Blast Grit; RFA: SWMU 2, SWMU 3, SWMU 4; EPA: OU-2, Landfill B; NIRIS: Site 00002 - Trash/Ash Fill Dump	Final Site 2 RI completed February 2004, Final Expanded RI completed November 2008, and Final Expanded RI revised January 2010. Final FS completed October 2009 and Final FS revised January 2010. PP completed July 2010 and ROD signed January 2011. Final RD completed in November 2011 and RD Addendum for St. Juliens Creek sediment finalized in January 2013. RA-construction initiated April 2012 and completed July 2014. RA-operation initiated July 2014, currently ongoing. First five-year review in progress.	
Site 4	Landfill D	Dump D; Old Tanks at Dump D; RFA: SWMU 6, AOC L; EPA: OU-4; NIRIS: Site 00004 - Sanitary Landfill Dump D	Final RI completed March 2003; Final FS completed March 2004; PP finalized June 2004; ROD signed September 2004, RD submitted November 2004; RA completed in October 2005; RA Completion Report signed October 2006. LUCs implemented, site inspections continuing annually. First five-year review completed FY 2010. Second five-year review in progress.	RA Completion Report (signed October 2006).
Site 5	Burning Grounds	RFA: SWMU 8; EPA: OU-5; NIRIS: Site 00005 - Waste Ord Burn Ground	Final RI completed March 2003; Final Expanded RI Report completed June 2006 recommending additional groundwater sampling. Final EE/CA for non-time-critical removal action of Waste/Burnt Soil Area completed February 2007. Final Expanded RI Addendum recommending NFA for groundwater completed December 2007. Removal action initiated December 2007 and completed July 2012. Final Confirmation Sampling Report and CCR completed in December 2012. Supplemental RI for shallow groundwater initiated 2013, currently ongoing.	
Site 21	Industrial Area	FFA: Site Staining at Building 187; EPA: OU-12, Site 21 - Bldg 187; NIRIS: Site 00021 - Heavy Soil Staining	Final SI completed June 2004; Draft Supplemental SI Report completed April 2006; RI finalized July 2008. Final FS completed February 2009. Interim PP completed July 2009 and Interim ROD signed May 2010. RD for groundwater completed May 2010. RI and FS Addendum for vapor intrusion completed October 2010. Interim RA-construction initiated November 2010 and completed May 2012. PP completed May 2011 and ROD signed October 2011. RA-operation initiated May 2012, currently ongoing. Final CCR completed September 2012. Final IRACR documenting RIP signed July 2013. RD Addendum completed March 2014. First five-year review in progress.	
Site 1	Waste Disposal Area A	Dump A; RFA: SWMU 1	Consensus for NFA by Navy, VDEQ, and EPA in November 2002 based on RRR data and September 2002 test pit information.	SSA Addendum (signed July 2004).
Site 3	Waste Disposal Area C	Dump C; Dump C Waste Disposal Pits; RFA: SWMU 5, SWMU 30; EPA: OU-3, Landfill C	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; PP 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; EPA: OU-4, Landfill D	RFA indicated that the dumpsters were no longer present.	Final ROD (signed September 2004).
Site 6	Small Arms Unit	Caged Pit; RFA: SWMU 24; FFA: Caged Pit at the Burning Grounds; EPA: OU-8, Caged Pit Disposal	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; PP 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	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.	FFA (signed July 2004).
Site 8	Cross and Mine	RFA: SWMU 9; FFA: PSA Site 8	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.	SI (signed July 2004).
Site 9	Pest. Control Bldg. 249	PA: SWMU 13	Removed/remediated during construction of the SIMA building (currently referred to as the Fleet and Industrial Supply Center [FISC], Norfolk Integrated Logistics Support building).	FFA (signed July 2004)
Site 9	Oil Water Separator at Bldg. 249	RFA: SWMU 23	Removed/remediated during construction of the SIMA building (currently referred to as the FISC, Norfolk Integrated Logistics Support building).	FFA (signed July 2004)
Site 9	Washrack Bldg. 249	RFA: SWMU 25	Removed/remediated during construction of the SIMA building (currently referred to as the FISC, Norfolk Integrated Logistics Support building).	FFA (signed July 2004)
Site 10	Waste Disposal at Railroad Tracks	Hazardous Waste Disposal Area at Bldg. 13 (Railroad Tracks); RFA: SWMU 14	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
Site 10	Swale beneath Bldg. 13	RFA: SWMU 31	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
Site 11	Waste Disposal at Building 53 (formerly referenced to Bldg. 266)	RFA: SWMU 15	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.	SSA (signed February 2002).

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

Site ID	Name/Description	Other ID	Comments	Documentation of Closure or Response Complete
Site 12	Sand Blast Area Bldg. 323	RFA: SWMU 16	Removed/remediated during construction of the SIMA building (currently referred to as the FISC, Norfolk Integrated Logistics Support building).	FFA (signed July 2004)
Site 13	Waste Generation Area	RFA: SWMU 20	Removed/remediated during construction of the SIMA building (currently referred to as the FISC, Norfolk Integrated Logistics Support building).	FFA (signed July 2004)
Site 14	Washrack Bldg. 266	None	Removed/remediated during construction of the SIMA building (currently referred to as the FISC, Norfolk Integrated Logistics Support building).	FFA (signed July 2004)
Site 15	Fire Training Area	Fire Training Area at Bldg. 271; RFA - SWMU 27	Consensus by Navy, VDEQ, and EPA in July 2002 for NFA under CERCLA, as the site was to be investigated under the Navy's Underground Storage Tank (UST) Program. The site is currently managed under the Navy's Petroleum, Oil, and Lubricant Program.	FFA (signed July 2004).
Site 16	DRMO Storage/Salvage Yard	RFA: SWMU 28	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.	FFA (signed July 2004).
Site 17	Storage Pad at Building 279	Satellite storage at Bldg. 279; RFA: AOC A	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. Final expanded SI submitted in September 2001. 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.	FFA (signed July 2004).
Site 18	Blasting Grit at Building 47	RFA: AOC C	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.	SSA (signed February 2002).
Site 18	Air Compressor at Bldg. 47	RFA: AOC B	NFA consensus by Navy, VDEQ, and EPA in July 2002. Regional inspections are conducted for storm water management.	FFA (signed July 2004).
Site 19	Building 190	Residual Ordnance at Bldg. M-5 & 190; RFA: AOC H; FFA: Wharf Area Building 190; EPA: OU-7, Site 19 - Bldg 190 EE/CA	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.	Site Closeout Report (signed December 2006).
Site 20	Wharf Area Sediments	Residual Ordnance at wharf area; RFA: AOC I; Site 20	During the July 2001 site visit, the Navy, VDEQ and EPA reached consensus for NFA under CERCLA, as the site was to be managed under the MR Program. The site is currently managed under the MR Program as part of Area UXO 1.	SSA (signed February 2002).
SWMU 10	Hazardous Waste Container Storage Bldg. 154Y	None	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. SWMU 10 has been closed under RCRA.	FFA (signed July 2004).
SWMU 11	Hazardous Waste Container Storage Bldg. 163Y	None	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 was managed under RCRA. SWMU 11 has been closed under RCRA.	FFA (signed July 2004).
SWMU 12	PCB Storage Bldg. 198	None	Recommended for NFA in the RFA. SWMU 12 was used as a storage facility and managed under Toxic Substances Control Act therefore, consensus by Navy, VDEQ, and EPA for NFA under CERCLA in July 2002. PCBs are no longer stored at SWMU 12 and SWMU 12 has been closed under TSCA.	FFA (signed July 2004).
SWMU 18	Old Storage Yard # 2	None	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 (signed July 2004).
SWMU 19	Old Storage Yard # 3	None	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 (signed July 2004).
SWMU 21	Hazardous Waste Accumulation Area (SIMA # 2)	None	The RFA recommended NFA as the SWMU was managed under RCRA. A site visit was performed in November 2002 by Navy, VDEQ, and EPA to confirm status and consensus for NFA under CERCLA was reached, as the SWMU was remediated during a removal action conducted as part of the SIMA building (currently referred to as the FISC, Norfolk Integrated Logistics Support building) construction. The Navy submitted a closure notification letter to VDEQ for SWMU 21.	FFA (signed July 2004).
SWMU 22	Repair Shop Satellite Storage Area NE of Bldg. 40	None	The RFA recommended NFA as the SWMU was managed under a VDEQ program. 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.	FFA (signed July 2004).
SWMU 26	Scrap Metal Storage in Railroad Cars near Bldg. 176	None	Based on a site visit in November 2002, NFA consensus was reached by Navy, VDEQ, and EPA, as the SWMU was managed according to Virginia Solid Waste Management regulations. SWMU 26 is no longer present.	FFA (signed July 2004).

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

Site ID	Name/Description	Other ID	Comments	Documentation of Closure or Response Complete
SWMU 29	Dumpsters (throughout the facility)	None	Based on a site visit in November 2002, NFA consensus was reached by Navy, VDEQ, and EPA, as the SWMU is managed according to Virginia Solid Waste Management regulations.	FFA (signed July 2004).
SWMU 32	Overland Drainage Ditches	None	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 (signed July 2004).
SWMU 33	Sewer Drainage System	None	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 (signed July 2004).
SWMU 34	Operational Waste Accumulation Areas	None	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 (signed July 2004).
AOC D	Storm Water Outfalls	None	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 (signed July 2004).
AOC E	Temporary Pump Storage	None	AOC E was remediated during a removal action conducted as part of the SIMA building (currently referred to as the FISC, Norfolk Integrated Logistics Support building) construction. Therefore, the SJCA Partnering Team reached consensus for NFA for AOC E based on the removal action.	FFA (signed July 2004).
AOC F	Underground Storage Tanks	None	Navy, VDEQ, and EPA reached consensus for NFA under CERCLA in July 2002, as AOC F was managed under the Navy's UST Program. The USTs have been closed under the Navy's UST Program.	FFA (signed July 2004).
AOC G	Former Process Buildings	None	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.	FFA (signed July 2004).
AOC J	Former Ammunition Manufacturing Areas	None	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 (signed July 2004).
AOC K	Former Sewage Treatment Plant	FFA: SSA AOC K	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.	SSA Addendum (signed July 2004).
EPIC AOC 1	E Street and Marsh Road Ground Scarring	AOC 1; FFA: PSA AOC 1	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.	SI (signed July 2004).
EPIC AOC 2	Piers in front of Building 83	AOC 2	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 3	Ground Scarring at Building M5	AOC 3	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 4	Parking Area South of Building M-1	AOC 4	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 5	Possible Soil Staining Between Buildings 87 and 88	AOC 5	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 6	Ground Scarring East of Site 2	AOC 6	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 7	City of Portsmouth Outgrant Area	AOC 7	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 8	Possible Waste Disposal/Bulk Storage Area	AOC 8	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 9	Ground Scarring Southwest of Building 75	AOC 9	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 10	Ground Scarring in Wharf Area	AOC 10	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
EPIC AOC 11	Open Storage Area Northeast of Building 55	AOC 11	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).

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

Site ID	Name/Description	Other ID	Comments	Documentation of Closure or Response Complete
EPIC AOC 12	Sandy Flat	AOC 12	NFA consensus by Navy, VDEQ, and EPA during a site visit in July 2001.	SSA (signed February 2002).
AOC 13	Pentachlorophenol Dip Tank	AOC 13; FFA: SSA AOC 13	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.	SSA Addendum (signed July 2004).
AOC 14	Building 89	AOC 14; FFA: SSA AOC 14	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.	SSA Addendum (signed July 2004).
Munitions Response Program Sites				
Area UXO 1	Wharf Area Sediments	Residual Ordnance at wharf area; RFA: AOC I; Site 20	PA completed June 2009 and SI completed September 2010. Expanded SI, documenting NFA, signed in June 2013.	Final Expanded SI Report (signed June 2013).

Notes:
Site Status: RC - LUCs in place
Site Status: RI/FS
Site Status: RD/RA - LUCs in place
Site Status: RC - NFA
RFA - RCRA Facility Assessment
AOC - Area of Concern
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
DRMO - Defense Reutilization and Marketing Office
EE/CA - Engineering Evaluation and Cost Analysis
EPA - Environmental Protection Agency
EPIC - Environmental Photographic Interpretation Center
FFA - Federal Facility Agreement
FISC - Fleet and Industrial Supply Center
FS - Feasibility Study
FY - Fiscal Year
LUC - land use control
NFA - no further action
OU - Operable Unit
PA - Preliminary Assessment
PP - Proposed Plan
PSA - Preliminary Screening Area
RA - Remedial Action
RC - Response Complete
RCRA - Resource Conservation and Recovery Act
RD - Remedial Design
RI - Remedial Investigation
RIP - Remedy-in-Place
ROD - Record of Decision
SI - Site Inspection
SIMA - Shore Intermediate Maintenance Activity
SJCA - St. Juliens Creek Annex
SSA - Site Screening Assessment
SWMU - Solid Waste Management Unit
UST - underground storage tank
VDEQ - Virginia Department of Environmental Quality

R:\USNavFacEngCom405450\387405StJuliensCreek\MapFiles\492608_CIP\Figure 2-1 - SJCA Location.mxd9/12/2014cbowman

Legend

St. Juliens Creek Annex Boundary

City Boundary

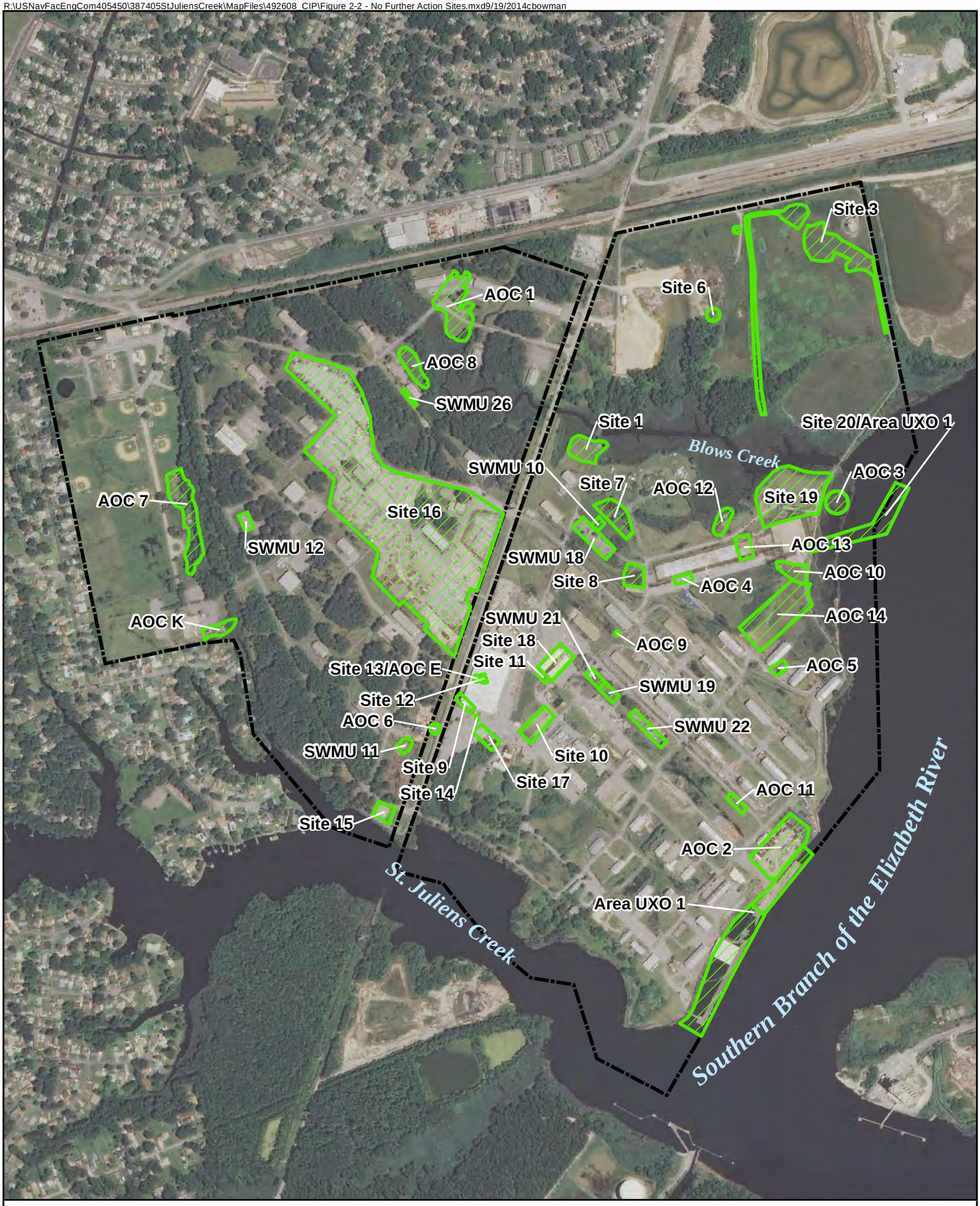
N
W E
S

0 1,000 2,000 Feet

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

CH2MHILL

R:\USNavFacEngCom405450\387405StJuliensCreek\MapFiles\492608_CIP\Figure 2-2 - No Further Action Sites.mxd9/19/2014cbowman



Legend

St. Juliens Creek Annex Boundary

Response Complete - No Further Action Site

N
W E
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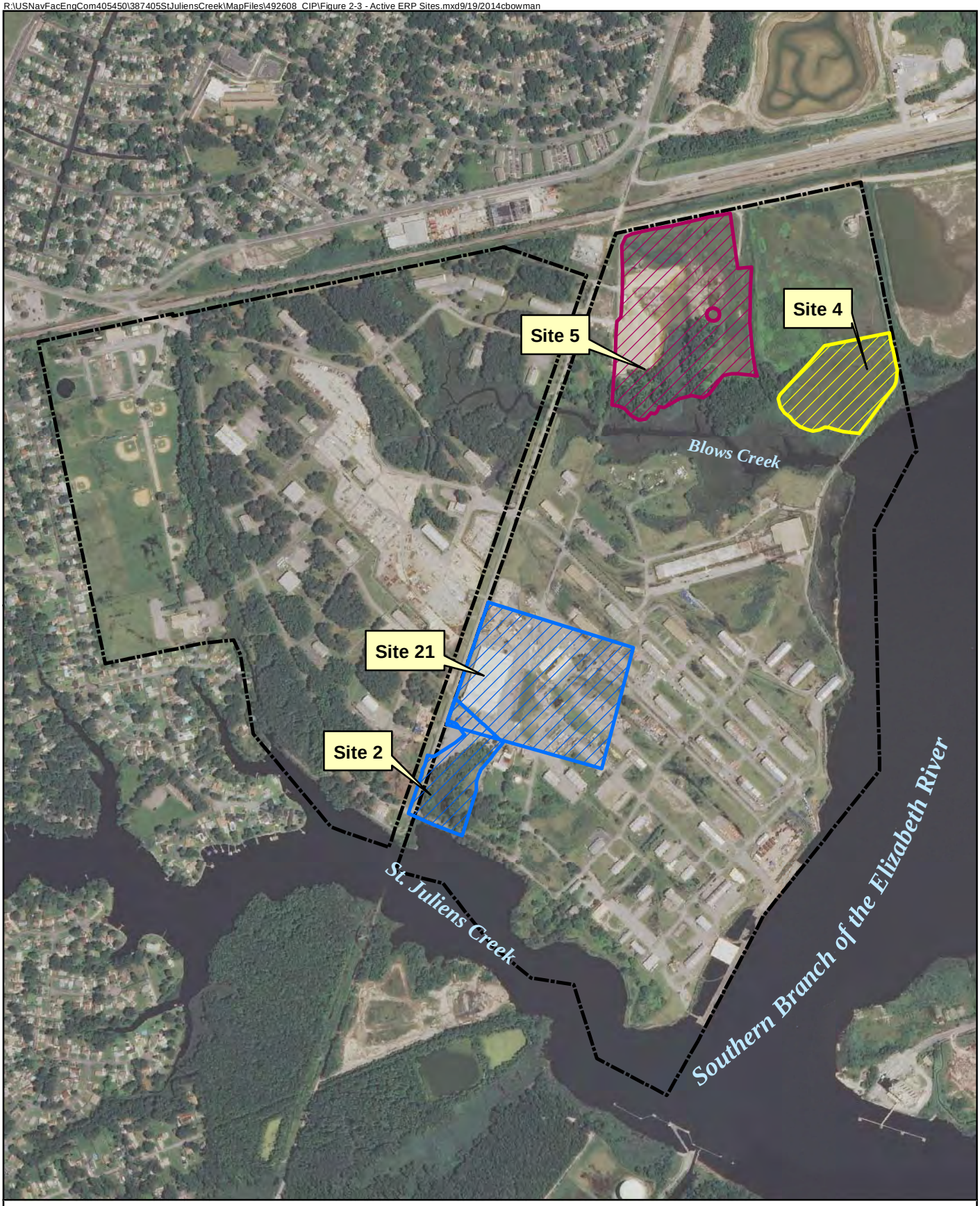
0 450 900
Feet

Figure 2-2
Location of No Further Action Sites, Solid Waste Management Units, and Areas of Concern
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia

CH2MHILL

R:\USNavFacEngCom405450\387405StJuliensCreek\MapFiles\492608_CIP\Figure 2-3 - Active ERP Sites.mxd9/19/2014cbowman



Legend

- St. Juliens Creek Annex Boundary
- Response Complete Site with Land Use Controls
- Remedial Investigation/Feasibility Study Site
- Remedial Design/Remedial Action Site

N
W E
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0 450 900
Feet

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

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SECTION 3

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 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 since the initial CRP was developed, from 199,184 people in 2000, to 230,571 in 2013 (U.S. Census Bureau, 2014a). This 13.6 percent growth in population from 2000 to 2013 is most likely due to the construction 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 the city of Chesapeake. The overall population of Portsmouth has remained relatively stable in recent years. In 2000, the population was 100,565, compared to 96,205 in 2013 (U.S. Census Bureau, 2014b).

The majority of residents in the city of Chesapeake are white/non-Hispanic (62.6 percent), with African American (29.8 percent), Latino (4.4 percent), Asian (2.9 percent), and other racial backgrounds (0.3 percent) representing the remaining population (U.S. Census Bureau, 2014a). The majority of residents in the city of Portsmouth are African American (53.3 percent), with white/non-Hispanic (41.6 percent), Latino (3.1 percent), Asian (1.1 percent), and other racial backgrounds (0.9 percent) representing the remaining population (U.S. Census Bureau, 2014b).

In 2010, the total number of housing units in the city of Chesapeake was 83,196 with the average household size of 2.75 persons. The homeownership rate was 72.9 percent. Between 2008 and 2012, 8.3 percent of people were below poverty levels (U.S. Census Bureau, 2014a). In 2010, the total number of housing units in the city of Portsmouth was 40,806 with the average household size of 2.48 persons. The homeownership rate was 59.0 percent, and 17.5 percent of people were below poverty levels (U.S. Census Bureau, 2014b).

The median ages of residents of the city of Chesapeake and city of Portsmouth are 38 and 35 years, respectively. The percentage of residents 18 years old or older is 74.1 percent in the city of Chesapeake, and 76.3 percent in the city of Portsmouth. The percentage of residents 65 years old and older is approximately 10.4 percent in the city of Chesapeake and 13.2 percent in the city of Portsmouth (U.S. Census Bureau, 2014a; 2014b).

In the city of Chesapeake, 59.4 percent of residents ages 16 and older are employed. In the city of Portsmouth, 52.4 percent of residents age 16 and older are employed. **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.

In 2012 and 2013, the Chesapeake Public School System served a population of approximately 39,630 students, who attended 28 elementary schools, 10 middle schools, and 7 high schools. The dropout rate is 3.8 percent (Virginia Department of Education, 2014). The Chesapeake campus of Tidewater Community College (TCC), a 2-year institution that offers occupational and technical programs, represents the only post-secondary educational facility in the city. Approximately 17,200 students attended the Chesapeake campus during the 2011 to 2012 academic year (TCC, 2014). In the city of Chesapeake, 28.4 percent of residents have a 4-year college degrees or higher.

In 2012 and 2013, the city of Portsmouth public school system served a population of 15,256 students, who attend 13 elementary schools, 3 middle schools, and 3 high schools, with a dropout rate of 10.4 percent (Virginia Department of Education, 2014). The Portsmouth campus of TCC represents the only post-secondary educational facility in the city. Approximately 12,100 students attended the Portsmouth campus during the 2011 to 2012 academic year. In the city of Portsmouth, 19 percent of the residents have a 4-year college degree.

3.2 History of Community Involvement with the Facility's Environmental Restoration Program

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 restoration issues at SJCA. Participation in the RAB meetings and interest in the ERP is generally low to moderate. This may be due to the limited activity at SJCA.

The Navy completed its first CRP (now CIP) in 2000 (CDM Federal, 2000). To support the 2000 CRP, Navy officials conducted 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 noted in the 2000 CRP included:

- The potential for cleanup steps to be skipped because of financial constraints.
- The quality of the water in St. Juliens Creek, specifically the consumption of fish and shellfish from the creek and the potential for contaminated sediments.
- The quality of the water in the Southern Branch of the Elizabeth River and flooding issues due to excess sediment accumulation.
- The possibility of a light industrial park at SJCA; nearby residents did not want any type of new industrial activity on St. Juliens Creek.
- Clean up of wetland areas.

Interviewees indicated that they were confident in the credibility and ability of the Navy to meet its ERP objectives, and several interviewees expressed compliments regarding the Base personnel's professionalism. The interviewees were generally supportive of the activities being conducted under the ERP.

For the 2006 CIP update, 16 members of the community that represented a broad cross-section of the community surrounding SJCA were surveyed between January and May 2005. Primary concerns noted in the 2006 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.

For the 2010 CIP update, 18 members of the community representing a broad cross-section of the community surrounding SJCA were surveyed between October and November 2009. Primary conclusions noted in the 2010 CIP Update included:

- Local residents and Base personnel were generally, but not specifically, aware of environmental contamination on the Base and activities to address the contamination.
- The local community generally trusted the Navy to conduct environmental cleanup and felt that the Navy had 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, and felt that the relationship between SJCA and the community needs to be improved.
- The severity of concern over potential contamination in the St. Juliens Creek and the Elizabeth River seemed to have somewhat diminished from the 2000 CRP. However, respondents still felt that environmental contamination at SJCA had affected the community (including: health, environmental impacts, economic loss, quality of life, and perception of the community). The major concerns were water quality, air quality, waste dumping, former burning activities, and cleanup at Sites 2 and 21.

3.3 Current Community Perceptions

In preparation for this CIP update, the following steps were taken in July and August 2014 to increase awareness and solicit feedback from the community:

- Written questionnaires were mailed to 200 community members located within approximately 0.5 miles of SJCA (selected at random)
- Nine interviews were conducted with community members representing a variety of stakeholders
- Fact sheets were distributed describing past and current ERP activities at SJCA
- A total of seven questionnaires were returned from those mailed to the local residents. The people interviewed included a representative of the city of Chesapeake, representatives of an environmental organization, a representative from a local civic league, a former businessman and Portsmouth elected official who now works in community development, local residents (some of whom are also RAB members), and a base employee. Eight of the interviews were conducted in person and one was conducted over the phone. The questionnaires and interview questions, as well as a summary of the responses are contained in **Appendix C**. **Appendix A** contains the Fact Sheet that was distributed with the written questionnaires.

3.3.1 Questionnaire Responses Summary

The questionnaires revealed the following:

- All but one of the respondents have lived within 5 miles of SJCA for more than 10 years, with one respondent living there 63 years and one living there for 4 years.
- Respondents generally felt that the Base's relationship with the surrounding community was trusting and that the Base is involved in the community, but they rated the Base somewhat lower for open communication.
- Three respondents felt the Base is concerned for the environment, while one respondent did not agree, and two rated the Base's concern for the environment in the middle.
- The public's attitude toward the Base was rated as satisfactory by six of the participants and excellent by one respondent.
- Respondents tended to be very or somewhat concerned about environmental issues at SJCA and identified water quality, groundwater contamination, the Intracoastal Waterway, wildlife, environmental restoration, and chemicals as their concerns.
- Five of the respondents felt that environmental issues at SJCA have affected the surrounding community, and identified the environment as the most significant impact followed by perception of the community, economic loss, health, and quality of life.
- Six of the seven respondents were unaware of the SJCA ERP. Six of the seven respondents were not aware of any RAs that have occurred at Sites 2, 4 and 21, and all said that they were "not very" or "not at all" informed about environmental activities and progress at the sites.
- None of the respondents had seen newspaper announcements for public meetings concerning SJCA, were aware of RAB meetings, or were aware of the SJCA information repository.

- Six of the seven respondents would like to receive more information about environmental cleanup at SJCA once to twice per year, preferably by e-mail or mail, with one person preferring newspaper notices, one preferring Web sites, and two preferring television.

3.3.2 Interview Response Summary

The interviews revealed the following:

- Interviewees described the community's relationship with the SJCA as generally fine, with some noting appreciation for the Little League fields. But, all of them stated that the local community is generally unaware of what goes on at the Base.
- Interviewees themselves had a somewhat more positive attitude toward SJCA than their perception of the overall community's attitude. However, they also tended not to know what kind of work goes on at the Base.
- All of the interviewees had at least vague knowledge of the ERP at SJCA, with the three RAB members having more specific knowledge than others who are less involved with the program. While generally aware of the RAs taken for Sites 2, 4, and 21, only the RAB members felt well-informed. The others were generally aware that work is going on, but tended not to know the status of remediation or specifics about the remediation strategies.
- Interviewees either had no opinion or generally confirmed that SJCA is fulfilling its role as a responsible neighbor regarding environmental cleanup, with one describing the Navy as being very diligent, but acknowledging that the cleanup pace can be frustrating for those who do not understand the process.
- Interviewees tended to be generally optimistic that the RAs at Sites 2, 4, and 21 would protect human health and the environment, with the RAB members tending to be more confident in the process and the cleanup decisions. Those less knowledgeable about the specific remediation tended to be hopeful that appropriate remediation is being conducted.
- Three of the interviewees were not aware of the RAB, and four were unaware of the information repository. Six interviewees had never seen a public notice for a RAB meeting, while two recalled seeing public notices in the *Clipper* (the geographically-targeted section of the *Virginian Pilot*), but did not recall seeing any public notices "in a long time" and never seeing a legal notice announcing a RAB meeting.
- Interviewees generally felt that the Navy is a trustworthy and credible source of information, and some felt that partnering with a credible local organization would enhance the perception.
- The following suggestions were made for how the Navy might improve communication about the environmental remediation at SJCA, with the understanding that the program will scale back as remediation activities reach the "Construction Complete" milestone:
  - Have a Base Commander make a presentation at City Council working sessions. The presentation would update the City Council members but would also be videotaped and available to the public and archived on the City Web site.
  - Link the SJCA environmental remediation Web site to the City Web site.
  - List the SJCA Web site address in public notices and fact sheets, and update the Web site at least twice a year.
  - Hold annual public RAB meetings (and advertise them more effectively) to provide a status report on progress.
  - Provide information updates and meeting announcements to civic leagues and environmental organizations so that they can pass them along to their constituents through their established e-mail and social media networks.
  - Place public notices for meetings and updates in the *Clipper*, not in the legal notices.

  - Reach out to other potential stakeholders, such as Base tenant organizations and anglers' associations, who may also have interest in environmental restoration of SJCA.

- Interviewees provided general comments, such as appreciation that munitions had been investigated and removed to protect public health, and that the Navy is implementing some environmentally beneficial components as part of the remediation projects (e.g., wetlands, stormwater control, etc.). They also suggested opportunities for partnering with other organizations on projects such as oyster beds.

3.3.3 Summary of Community Feedback

In summary, the responses of the written questionnaires and the 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 public (except RAB members and specific stakeholders) are not aware of the RAB, do not see public notices advertising the RAB, and are not aware of opportunities to learn more about the environmental remediation.
- The local community generally trusts the Navy to conduct environmental cleanup and feels that the Navy has a satisfactory relationship with the public. However, they would prefer more communication from the Navy about environmental issues at SJCA.
- Respondents and interviewees would like to receive more information about the ERP at SJCA. They would like to be updated 1 to 2 times per year, by fact sheet sent through the mail or by e-mail, and/or by Web site updates, with presentations to the RAB at least annually after site construction activities have been completed.

The above comments are similar to ones that had been expressed in the 2000 CRP (CDM Federal, 2000), 2006 CIP (CH2M HILL, 2006), and 2010 CIP Update (NAVFAC, 2010). The severity of concern over potential contamination in St. Juliens Creek and the Southern Branch of the Elizabeth River seems to have continued to diminish from the 2000 CRP, and people are noticing water quality improvements in the Elizabeth River. However, the public's desire for information about cleanup activities at the Base continues, and their awareness of RAB meetings, the ERP in general, and current site activities appears to have diminished somewhat from the 2006 and 2010 CIP Updates.

TABLE 3-1

Principal Types of Employment in Chesapeake and Portsmouth

Community Involvement Plan

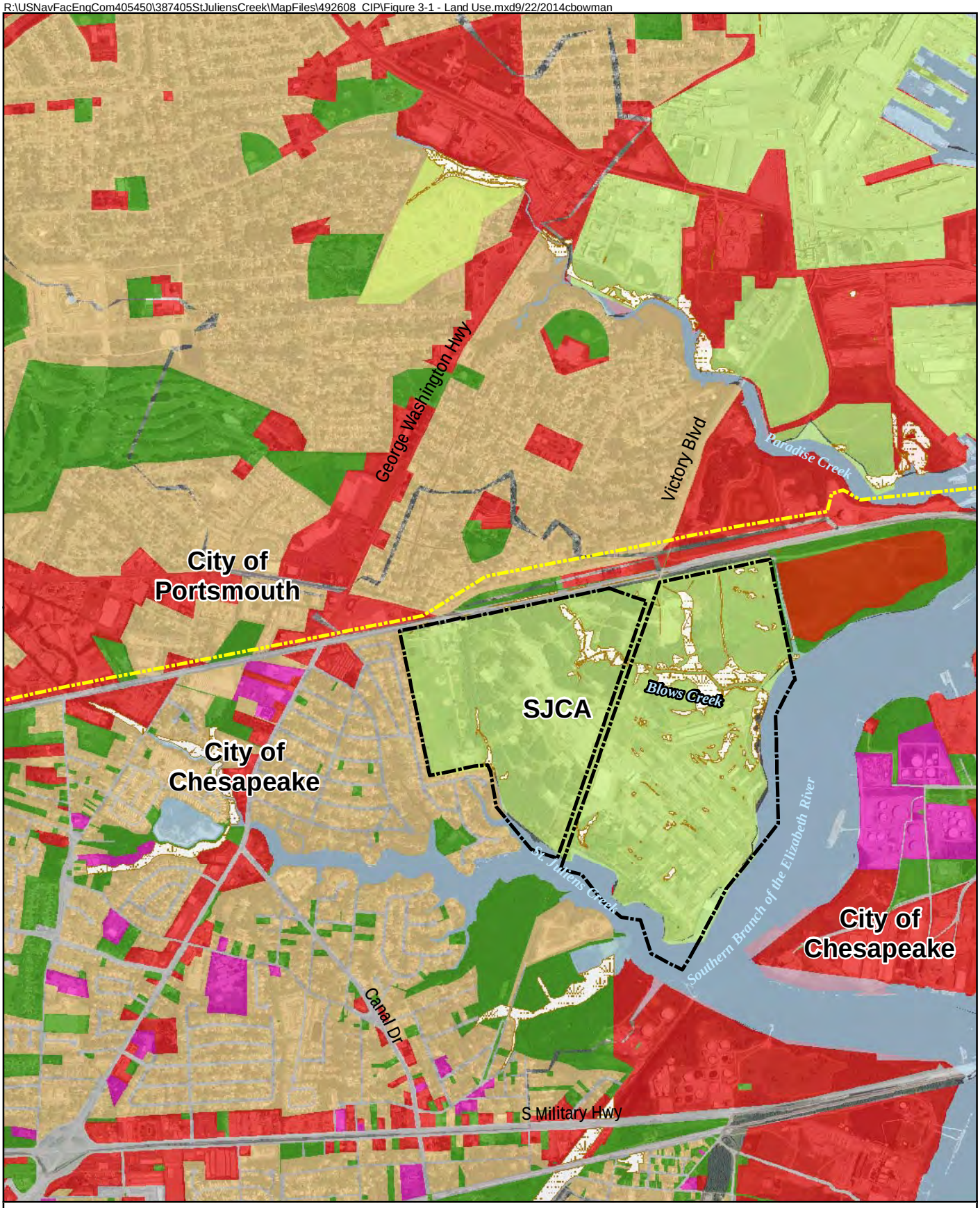
St. Juliens Creek Annex

Chesapeake, Virginia

	City of Chesapeake		City of Portsmouth	
Types of employment	**Total Number**	**Percentage**	**Total Number**	**Percentage**
Civilian employed population, 16 years and over	105,922		39,814	
Agriculture; forestry; fishing and hunting; mining	418	0.39%	21	0.05%
Construction	7,406	6.99%	2,374	5.96%
Manufacturing	8,702	8.22%	5,732	14.40%
Wholesale trade	2,251	2.13%	526	1.32%
Retail trade	16,343	15.43%	4,483	11.26%
Transportation and warehousing; utilities	6,109	5.77%	928	2.33%
Information	2,461	2.32%	637	1.60%
Finance and insurance; real estate; rental and leasing	5,580	5.27%	1,750	4.40%
Professional, scientific, and management; administrative and waste management services	11,186	10.56%	4,051	10.17%
Educational services; health care and social assistance	23,169	21.87%	8,086	20.31%
Arts, entertainment, and recreation; accommodation and food services	7,832	7.39%	4,924	12.37%
Other services, except public administration	4,192	3.96%	2,227	5.59%
Public administration	10,273	9.70%	4,075	10.24%

Source: U.S. Census Bureau, 2012 American Community Survey

R:\USNavFacEngCom405450\387405StJuliensCreek\MapFiles\492608_CIP\Figure 3-1 - Land Use.mxd9/22/2014cbowman



Legend

- SJCA Boundary
- City Boundary
- Industrial/Commercial
- Public
- Residential
- Undeveloped
- Wetland
- Water
- Navy
- Roads

N
W E
S

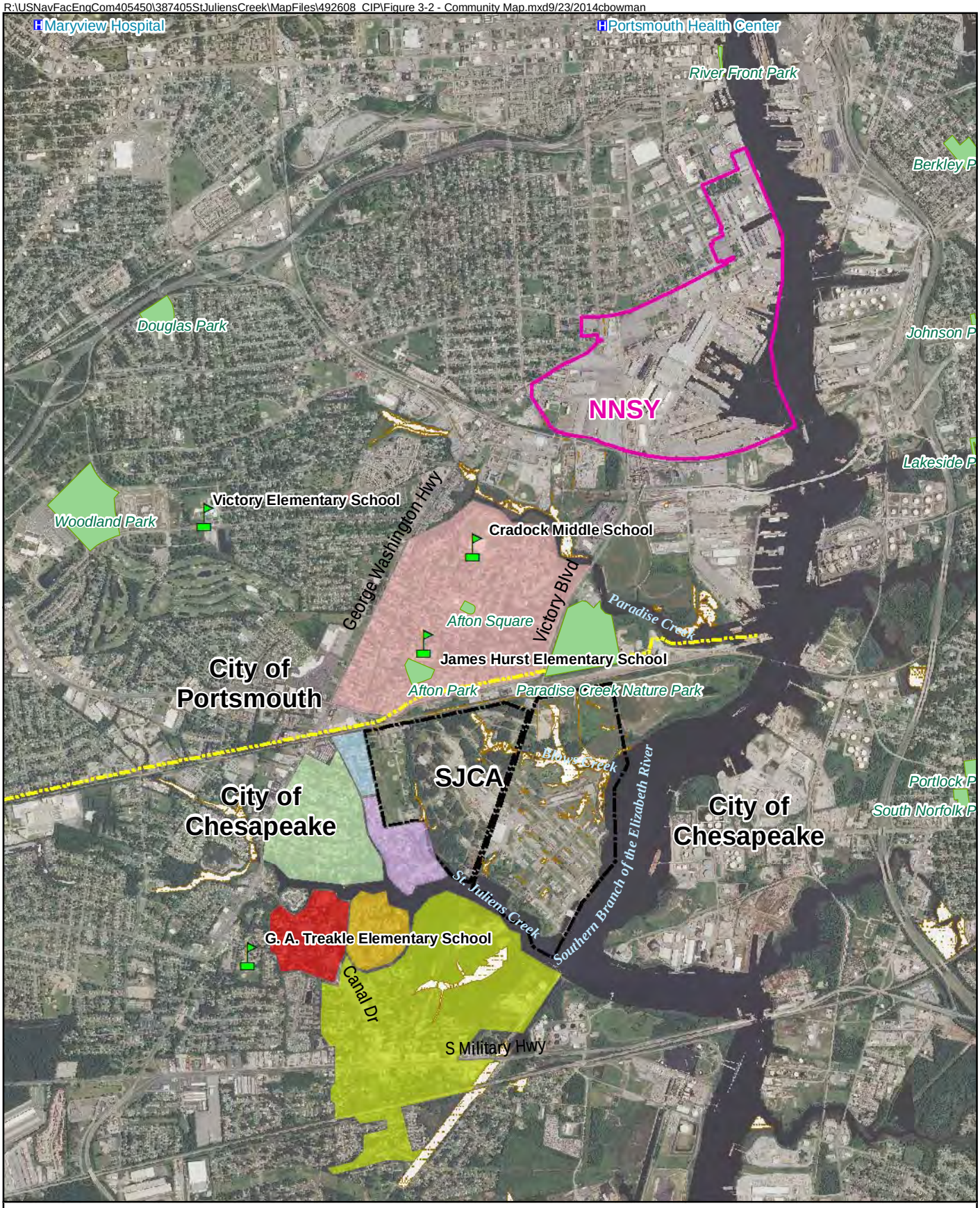
0 1,000 2,000 Feet

Note:
On Site Wetlands data source: Navy Georeadiness (2013)

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

CH2MHILL

R:\USNavFacEngCom405450\387405StJuliensCreek\MapFiles\492608_CIP\Figure 3-2 - Community Map.mxd9/23/2014cbowman



Legend

- SJCA Boundary
- NNSY Boundary
- Wetland
- Park
- City Boundary
- School
- Hospital

Neighborhood

- Brentwood
- Broadmoor
- Cradock
- Geneva Park
- Geneva Shores
- Glen Isle
- Old Farm

N W E S

0 1,500 3,000 Feet

Note:
On Site Wetlands data source: Navy Georeadiness (2013)

Figure 3-2
Key Community Features in the Vicinity of
St. Juliens Creek Annex
Community Involvement Plan
St. Juliens Creek Annex
Chesapeake, Virginia

CH2MHILL

SECTION 4

Community Involvement Program

As a result of the community interviews and questionnaires and ongoing community involvement activities, the Navy has identified 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 that will be implemented. These activities are organized by two broad categories of community needs:

- Keeping the community informed
- Providing opportunities for community involvement

For each activity, the objective, methods for implementation, and timing is provided. A summary of the time frames for the community involvement activities is included as **Table 4-1**.

4.1 Keep the Community Informed

4.1.1 Designate Navy Contacts

Objective

To provide points of contact (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 SJCA Public Affairs Officer (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 by phone at 757-396-8122, or by email at jeffrey.r.cunningham@navy.mil.

Additionally, the Navy has assigned Ms. Krista Parra 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 Ms. Parra with inquiries about the ongoing and upcoming field activities, site restorations, inspections, and anticipated schedules. Ms. Parra may be reached by phone at 757-341-0395, or by email at krista.parra@navy.mil.

The contact information is provided in **Appendix D** and will be posted to the SJCA ERP Web site (http://go.usa.gov/Dyn4).

Timing

If the designated Navy contacts change, the contacts and their information will be updated on the ERP Web site and an e-mail will be sent to the contact list.

4.1.2 Provide Up-to-Date Information on the Internet

Objective

To enable community members to access accurate, timely, and comprehensive information on the ERP activities at SJCA on their own time and at minimal expense.

Method

The Navy will continue to maintain a public Web site for the ERP at SJCA. The Web site is currently maintained at the following location: (http://go.usa.gov/Dyn4). All public notices and fact sheets will include the address of the ERP Web site. The Web site will include information on the Administrative Record and provide Web links to additional environmental resources. Current fact sheets, this updated CIP, the Five-Year Review, RAB meeting

minutes and presentations, and other documents of interest to the public will 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 and will clearly identify information about the public comment period.

In addition, USEPA maintains site information specific to SJCA as an NPL site on the internet at http://www.epa.gov/reg3hwmd/super/sites/VA5170000181/ (USEPA, 2014c). General information about USEPA and Superfund can be found at the USEPA Web site (http://www.epa.gov). Links to these sites will be provided on the SJCA ERP public Web site.

Timing

The Web site will be updated semi-annually at a minimum, typically around the RAB meetings. However, interim updates will occur when there is a significant action (e.g., Proposed Plans and EE/CAs are available for public review, Five-Year Reviews are being conducted, and POCs change).

4.1.3 Maintain a Contact List of Interested Parties

Objective

To facilitate the distribution of information about the ERP at SJCA to stakeholders.

Method

The Navy will continue to maintain a contact list to inform stakeholders of ERP activities at SJCA. Contacts included on the list will receive notification of RAB and public meetings and changes in the designated Navy points of contact by regular mail and e-mail.

Timing

The Navy will update the contact list as requests for inclusion on the list are received. Community members can request to be added to the contact list by contacting the PAO or Navy RPM identified in **Appendix D**.

4.1.4 Maintain the Information Repository

Objective

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

Method

The Navy will continue to maintain 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 individuals with mobility constraints, has copier facilities, and Internet access. Hours of operation are as follows:

Monday–Thursday	9:00 a.m. to 9:00 p.m.
Friday	10:00 am to 6:00 pm
Saturday	10:00 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 location of the repository will be included in public notices and fact sheets, as appropriate.

Timing

The information repository will be updated 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 community members with a comprehensive record of all documents, resources, etc., used by the SJCA Tier I Partnering Team in reaching decisions about the ERP cleanup at the SJCA.

Method

The Navy will continue to maintain the Administrative Record file for SJCA. 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 SJCA PAO, Mr. Jeffrey Cunningham. A listing of all the documents contained in the file is available on the SJCA ERP Web site (http://go.usa.gov/Dyn4).

Timing

The Administrative Record was opened as soon as site investigations began and it will remain open until SJCA is de-listed from the NPL. The Administrative Record file will be updated as new information becomes available.

4.1.6 Prepare and Distribute Fact Sheets

Objective

To provide stakeholders with current, accurate, and easy-to-understand information about the ERP activities at SJCA.

Method

The Navy will continue to generate fact sheets about the ERP at SJCA. The fact sheets will be added to the information repository and SJCA ERP public Web site, and will be available at public meetings. Additionally, fact sheets will be distributed to those on the contact list. The current fact sheets at the time this plan was drafted is included in **Appendix A**.

Timing

Fact sheets will be issued annually and as needed through the course of environmental activities (e.g., after completion of any Remedial Design and prior to the initiation of a RA).

4.2 Provide Opportunities for Public Involvement

4.2.1 Attend a Community Meeting or Event

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 or event (e.g., local neighborhood civic league meeting and City Council meetings) to talk with local residents and to invite them to upcoming RAB meetings.

Timing

To be determined based on the meeting or event identified. A meeting or event will be planned in association with achievement of the Construction Completion milestone.

4.2.2 Host Restoration Advisory Board Meetings

Objective

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

Method

The Navy will continue to host the SJCA RAB, the cornerstone of community involvement for the SJCA ERP. 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 RA 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 Navy co-chair is Ms. Krista Parra and the community co-chair is Mr. Robert Mann. All RAB meetings are open to the public and are held at Major Hillard Library, where the information repository is also kept.

The community will be notified of the RAB meetings through the following activities:

- Public notices will be published in the legal section of *The Virginian-Pilot,* as well as in the geographically focused sections of *The Virginian-Pilot* for the city of Chesapeake and the city of Portsmouth (*The Clipper* and *Currents*, respectively).
- Announcements will be included in NAVFAC's weekly newsletter, *Plan of the Week.*
- Public notices will be uploaded to the SJCA ERP public Web site and other Web sites with community information forums, such as Craigslist.
- The interested parties included on the contact list will be notified of the meetings via e-mail and/or mail.

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

Timing

The Navy will continue to host RAB meetings twice a year until Construction Completion is achieved, after which RAB meetings will be held annually. A public notice will be published in the newspaper approximately 2 weeks before each RAB meeting. Individuals on the site contact list will be notified approximately 1 month prior to the RAB meetings so that those in community leadership positions, such as the civic league presidents and local environmental organizations, can share the information with their group members.

4.2.3 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 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.

Timing

A TAPP presentation or training will be conducted upon request.

4.2.4 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 RA, 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, 2014d).

Timing

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

4.2.5 Provide Comment Periods and Hold Public Meetings

Objective

To provide stakeholders with an opportunity for meaningful involvement in the Superfund 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 Proposed Plans, the Navy will issue the EE/CA or Proposed Plans and publish a notice announcing a comment period in the legal section of *The Virginian-Pilot* as well as in the geographically focused sections of *The Virginian-Pilot* for the city of Chesapeake and the city of Portsmouth (*The Clipper* and *Currents*, respectively). The public notices will also be posted on the SJCA ERP public Web site and at Major Hillard Library. The notices will include a brief summary of the documents and advertise the availability of the documents in the information repository and on the ERP Web site. A Responsiveness Summary will be prepared for significant comments received and made available in the information repository.

The Navy will hold a public meeting for any Proposed Plans issued and for EE/CAs if requested by the public. 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 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 Proposed Plan 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 provided as required. If required or requested, a public meeting will be held in association with public comment periods. The public review period and meeting public notices will be published in the newspaper approximately 2 weeks prior to initiation of the public review period. The interested parties on the contact list will be notified approximately 1 month prior to initiation of the public review period so that those in community leadership positions, such as the civic league presidents and local environmental organizations, can share the information with their group members.

4.2.6 Respond to Public Comments

Objective

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

Method

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

For a Proposed Plan, the Navy will issue a 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 will be issued after the ROD is signed. A public notice will also be published for any significant post-ROD changes. The Navy will publish the notices in the legal section of *The Virginian-Pilot,* as well as in the geographically focused sections of *The Virginian-Pilot* for the city of Chesapeake and the city of Portsmouth (*The Clipper* and *Currents*, respectively). In addition, RODs are available on USEPA's Web site for SJCA at http://www.epa.gov/superfund/sites/rods/.

For an EE/CA, the Navy will document comments and responses as part of the Action Memorandum that documents the selected removal action if significant comments are received. The Action Memorandum will be included in the Administrative Record, along with the Final EE/CA.

Timing

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

4.2.7 Update the Community Involvement Plan

Objective

To present the facility-specific strategy to enable meaningful community involvement throughout the Superfund cleanup process.

Method

The Navy will continue to update the CIP to identify community concerns and detail community involvement activities that will be conducted to encourage continued public participation in the ERP at SJCA. The CIP will be made available in the information repository, Administrative Record, and on the SJCA ERP public Web site.

Timing

In accordance with Superfund, an update of the CIP will 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 there is a major change in the ERP at SJCA. Otherwise, the CIP will be updated every 5 years, or until SJCA is de-listed from the NPL.

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	Ongoing, updated as changes occur
Provide Up-to-Date Information on the Internet	Ongoing, updated semi-annually at a minimum and as needed
Maintain a Contact List of Interested Parties	Ongoing, updated as requests are received
Maintain the Information Repository	Ongoing, updated semi-annually at a minimum and as needed
Maintain the Administrative Record File	Ongoing, updated as needed
Prepare and Distribute Fact Sheets	Annually at a minimum and as required (prior to initiation of remedial actions). Maintained in the information repository, uploaded to SJCA ERP public Web site, and distributed at community meetings.
Attend Community Meeting or Event	To be determined, potentially in association with the Construction Completion Milestone
Host Restoration Advisory Board Meetings	Twice a year until Construction Complete milestone achieved, then meetings will be held annually
Provide Technical Assistance for Public Participation	Ongoing, conducted upon request
Provide Technical Assitance Grant Information	Ongoing, promoted at RAB meetings
Provide Comment Periods and Hold Public Meetings	During public comment periods for Proposed Plans and EE/CAs, and as requested by the community
Respond to Public Comments	In RODs for comments received on associated Proposed Plans. In a response summary if significant comments are received on EE/CAs.
Update Community Involvement Plan	As needed, at least every 5 years and in accordance with guidance and regulations, until SJCA is de-listed from the NPL

SECTION 5

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Appendix A
St. Juliens Creek Annex
Environmental Restoration Program Fact Sheets

ENVIRONMENTAL RESTORATION PROGRAM
St. Juliens Creek Annex, Chesapeake, Virginia

February 2015

About the Base

St. Juliens Creek Annex (SJCA) is a Navy facility located where St. Juliens Creek and the Southern Branch of the Elizabeth River meet in Chesapeake, Virginia. SJCA began operations as a naval ammunition facility in 1849. For a majority of its history, SJCA was used for the storage and transportation of ammunition and ordnance. 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 saltwater fire-protection systems; fire-fighter training operations; and storage of oil and chemicals. Activity at SJCA has decreased over the years. 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

The Department of Defense (DoD) identifies, assesses, and conducts environmental cleanup of contaminated sites through the Environmental Restoration Program under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly referred to as "Superfund." The Environmental Restoration Program (ERP) is divided into the Installation Restoration Program (IRP), to address contamination from hazardous substances and pollutants, and the Munitions Response Program (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). There are currently four active IRP sites that are being addressed using the CERCLA process. There are currently no active MRP sites that are being addressed using the CERCLA process. Fifty-five ERP sites have been cleaned up or determined to require no further action.

Location of SJCA and the Active ERP Sites

Site	Primary Contaminants	Selected Remedial Action/Removal Action	Status
Site 2 Former Waste Disposal Area B	Waste, chlorinated solvents (trichloroethene and its breakdown products) in shallow aquifer groundwater and surface water Inorganics and polycyclic aromatic hydrocarbons in soil and sediment	- Soil cover over waste and impacted soil, surface water and inlet sediment - Excavation of impacted sediment in St. Juliens Creek - Enhanced reductive dechlorination in select areas of the shallow aquifer groundwater - Monitored natural attenuation of select areas of the shallow aquifer groundwater - Land use controls to prevent unacceptable exposure to waste and impacted soil, inlet sediment, and shallow aquifer groundwater	- Remedial action initiated in 2012 - Construction phase of the remedial action completed - Ongoing remedial action-operation, consisting of groundwater monitoring - Land use controls in place
Site 4 Landfill D	Waste, inorganics, and pesticides in soil and/or drainage sediment	- Soil cover over waste and impacted soil - Surface debris removal - Excavation of impacted drainage sediment - Land use controls to prevent unacceptable exposure to waste and impacted soil	- Response Complete - remedial action completed in 2005 - Land use controls in place
Site 5 Burning Grounds	Waste, inorganics, and pesticides in soil and/or drainage sediment	- Excavation of waste, impacted soil, and drainage sediment	- Removal action completed in 2012 - Supplemental remedial investigation ongoing to further investigate potential impacts to shallow aquifer groundwater
Site 21 Industrial Area	Chlorinated solvents (trichloroethene and its breakdown products) in shallow aquifer groundwater	- In situ chemical reduction and enhanced reductive dechlorination in select areas of the shallow aquifer groundwater - Land use controls to prevent unacceptable exposure to shallow aquifer groundwater	- Remedial action initiated in 2011 - Construction phase of the remedial action completed - Ongoing remedial action-operation, consisting of groundwater and vapor intrusion monitoring - Land use controls in place

Summary of Active ERP Sites

Public Involvement and the Restoration Advisory Board

The Navy encourages public participation in the investigation and remediation process.

The best way to be involved is to attend meetings of the Restoration Advisory Board (RAB). The RAB is a joint initiative of the DOD, VDEQ and US EPA to increase participation by local community members in the cleanup process at military installations. The RAB provides a forum through which local communities, installations and regulatory agencies work together in an atmosphere that encourages discussion and exchange of information.

A RAB was established for the SJCA ERP in 1999. The RAB meets twice a year (normally in May and November). Meetings are typically held at The Major Hillard Library in Chesapeake, Virginia. Site tours are periodically conducted in place of a meeting at the library.

For More Information

The Navy maintains a Web site for more information about the ERP at SJCA: *http://go.usa.gov/Dyn4*

This Web site provides updates on the status of all sites in the program, an overview of community involvement activities, and a link to the Administrative Record, which is an online file of all documents related to cleanup decisions at the environmental sites. It contains the date of the next RAB meeting and previous RAB meeting minutes.

Internet access and the "Public Information Repository" containing ERP documents, can be obtained at:

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

For additional information, please contact:

Krista Parra/NAVFAC Mid-Atlantic Remedial Project Manager
krista.parra@navy.mil
(757) 341-0395

Jeff Cunningham/NAVFAC Mid-Atlantic Public Affairs Officer
Jeffrey.r.cunningham@navy.mil
(757) 396-8122

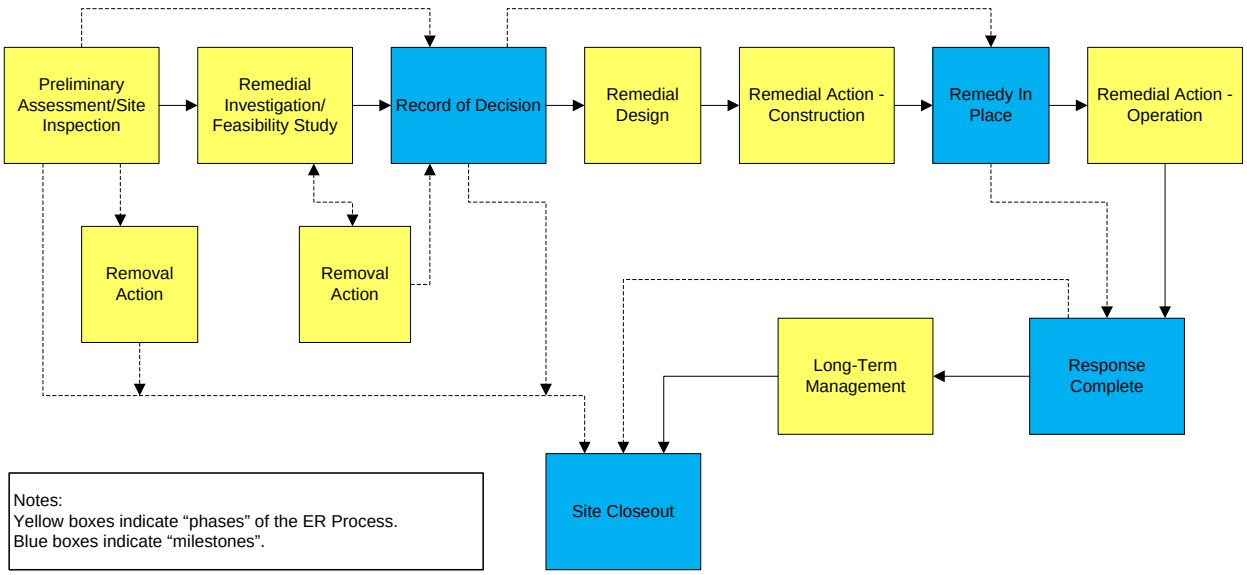
ST. JULIENS CREEK ANNEX
CHESAPEAKE, VIRGINIA
ENVIRONMENTAL RESTORATION PROGRAM

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 over the years and many of the aging structures have been 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. 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 to describe how SJCA interacts with the community, public notices, and a web site (http://go.usa.gov/Dyn4). 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 November) and are open to the public to provide opportunity for comment and input on the ERP. An update to the Community Involvement Plan is currently underway.

FOR MORE INFORMATION ABOUT THE RAB OR THE SJCA ERP CONTACT:

JEFF CUNNINGHAM (NAVY PUBLIC AFFAIRS OFFICER)

757-396-8122

MS. KRISTA PARRA (NAVY RAB CO-CHAIR)

757-341-0395

THE INFORMATION REPOSITORY FOR SJCA IS:

MAJOR HILLARD LIBRARY

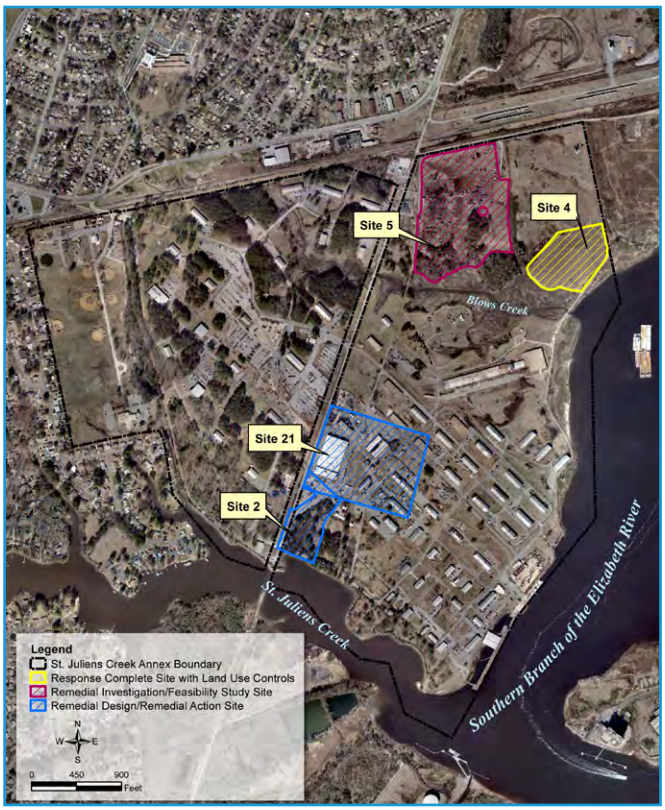
824 OLD GEORGE WASHINGTON HWY

CHESAPEAKE, VA 23323

757-410-7078

Environmental Restoration Program Sites

There are currently four active ERP sites that are being addressed using the CERCLA process. There are currently no active MRP sites that are being addressed using the CERCLA process. Fifty-five ERP sites have been closed after the results of desktop audits, field investigations, and/or removal actions revealed that no further action is required.



Installation Restoration Program Sites with Active Investigation or Remediation:

Site 2: Former Waste Disposal Area B

Background: Site 2 is a 6.2-acre site in the southern portion of SJCA. The site includes an unlined waste disposal area that operated from 1921 until some time after 1947. Initially, refuse was burned openly onsite and used to fill in portions of a tidal inlet that was located in the center of the site and was connected to St. Juliens Creek by a culvert. Mixed municipal wastes, solvents, waste ordnance, and abrasive blast media from ship overhaul and repair operations were disposed at the site. An incinerator was installed in 1942 to replace the open burning practices.

Remedial Investigation (RI) activities 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 identified were 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. The Proposed Plan identified soil cover, excavation, enhanced reductive dechlorination (ERD), monitored natural attenuation (MNA), and land use controls (LUCs) as the preferred remedial alternative for addressing the human health and ecological risks. The record of decision (ROD) documenting the selected remedy has been signed. The remedial action was initiated in 2012 and the construction phase of the remedial action has been completed. See “Site 2 Remedial Action” insert below for additional details on the remedial action.

Aerial view of historical Site 2 inlet and Site 21 industrial area

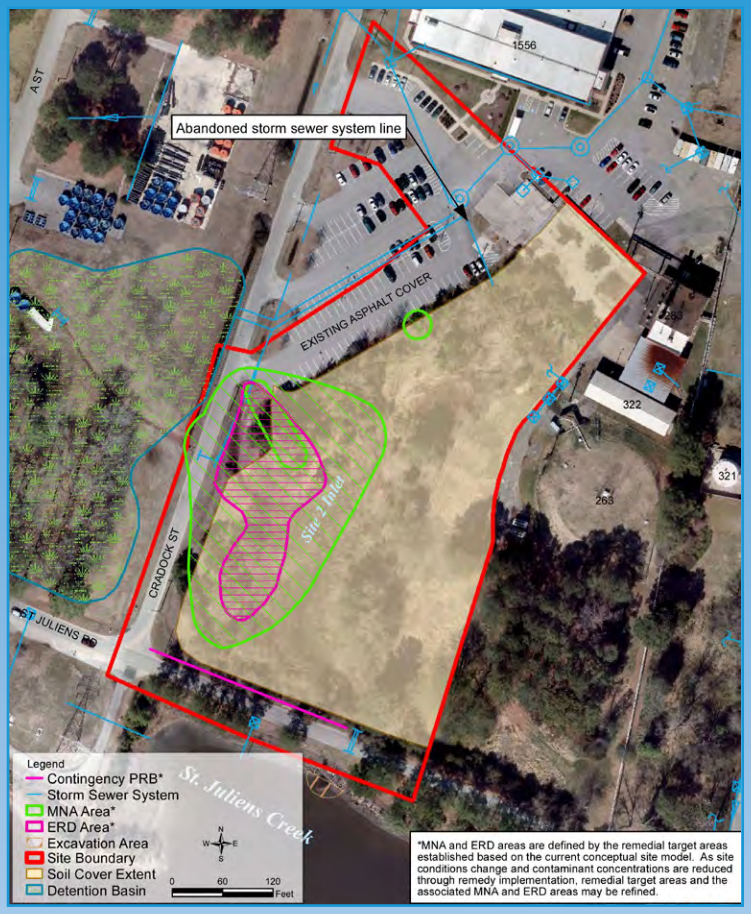
CERCLA Status: The remedial action-operation phase is currently ongoing. The remedial action-operation phase includes groundwater monitoring and additional emulsified vegetable oil (EVO) injections, if needed. LUCs are in place to prevent unacceptable exposure to waste and COCs in soil, inlet sediment, and shallow aquifer groundwater. Additionally, a five-year review that includes review of the Site 2 remedy to determine if it remains protective of human health and the environment, is underway.

Next Steps: Remedial action-operation, implementation and maintenance of the LUCs, and five-year reviews will continue until the remedial action objectives are met.

Site 2 Remedial Action

Specific components of the remedial action include the following:

- Cover installation over waste, soil, and inlet sediment
- Excavation of St. Juliens Creek sediment
- ERD within high-concentration target area of shallow groundwater
- MNA within low-concentration, naphthalene, and heptachlor epoxide target areas of shallow groundwater
- LUCs
  - Maintain the soil cover and prevent exposure to waste and contaminants in soil and inlet sediment
  - Prevent direct exposure to and/or potable use of shallow groundwater



The remedial action is being completed in a phased approach, as follows:

Phase 1 – Preparatory Activities (complete)

- Existing building foundation and surface debris demolition
- Storm water and drainage modifications
  - Re-routing drainage around Site 2
- Compensatory wetland mitigation
  - Required to offset permanent loss of Site 2 wetland

Phase 2 – Cover System Installation (complete)

Phase 3 – St. Juliens Creek Sediment Excavation (complete)

Phase 4 – Groundwater Treatment (in progress)

- ERD Treatment
  - EVO will be injected into permanent injection wells located in the high-concentration area
    - Emulsified vegetable oil will stimulate the degradation of chlorinated VOCs by naturally-occurring microbes
      - Following establishment of reducing conditions, bioaugmentation agent will be injected (up to 8 weeks after emulsified vegetable oil injection)
    - Additional microbial culture will be added to degrade chlorinated VOCs
  - Injection layout consists of a series of rows placed perpendicular to groundwater flow
    - Groundwater is expected to flow through these rows and be treated
- MNA
  - Will be conducted concurrently with ERD performance monitoring
  - Sampling will confirm concentrations are decreasing and aquifer conditions are conducive to further concentration reductions
  - Additional treatment may be necessary if concentrations stop decreasing

Site 5: Former Burning Grounds

Aerial image of Site 5 prior to the removal action

Background: Site 5 is an approximately 23-acre site located in the northeastern portion of SJCA. A 4.3-acre unlined waste disposal area was located at the center of the site. 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 disced, and the ground surface was covered with oil and straw and burned again. The site currently consists of an open field with a wetland in the center and a forested area and Blows Creek to the south.

Aerial image of Blows Creek

RI activities indicated potential risks to human health and the environment from exposure to chemicals in waste, soil, and drainage sediment. The primary contaminants identified were 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.

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 contaminant sources to Blows Creek; therefore, the creek has been incorporated into Site 5 under the IRP. 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 no further action for Blows Creek was necessary.

A non-time critical removal action to address potential risks to human health and the environment from exposure to Site 5 waste, soil, and drainage sediment was completed in 2012.

CERCLA Status: A supplemental RI is currently underway to investigate current concentrations of inorganics in the shallow aquifer groundwater.

Next Steps: The next steps will depend on the results of the supplemental RI.

Site 21: Industrial Area

Aerial image of Site 21, with Building 1556 in the forefront

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 primarily for storage and maintenance activities. An active warehouse currently used by Fleet and Industrial Supply Center, Norfolk Integrated Logistics Support was constructed in 1992. A storm sewer system runs through the site and drains south to a storm water detention basin which outfalls to St. Juliens Creek.

RI activities identified 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 Proposed Plan identified in situ chemical reduction (ISCR) and ERD as the preferred remedial alternative for addressing potential risk from potable use of shallow groundwater and the Interim ROD documenting the interim response action has been signed. The Proposed Plan and ROD were “interim” because they did not address the potential risk to current and future building occupants from vapor intrusion through inhalation of indoor air, which was still being evaluated. The response action selected in the Interim ROD was selected as an interim action in order to reduce constituent of concern (COC) concentrations while the vapor intrusion pathway was investigated. An interim remedial design was developed for implementation of the interim action.

An investigation was conducted to further evaluate the potential vapor intrusion pathway. The results were documented in an RI and Feasibility Study (FS) Addendum Report, which recommended additional vapor intrusion monitoring and LUCs to maintain the current industrial building use and prevent activities that would compromise the integrity of the building envelopes throughout the Interim remedial action; and discontinuation of the monitoring and LUCs upon completion of the remedial action for groundwater.

Site 21 Remedial Action

Specific components of the remedial action include the following:

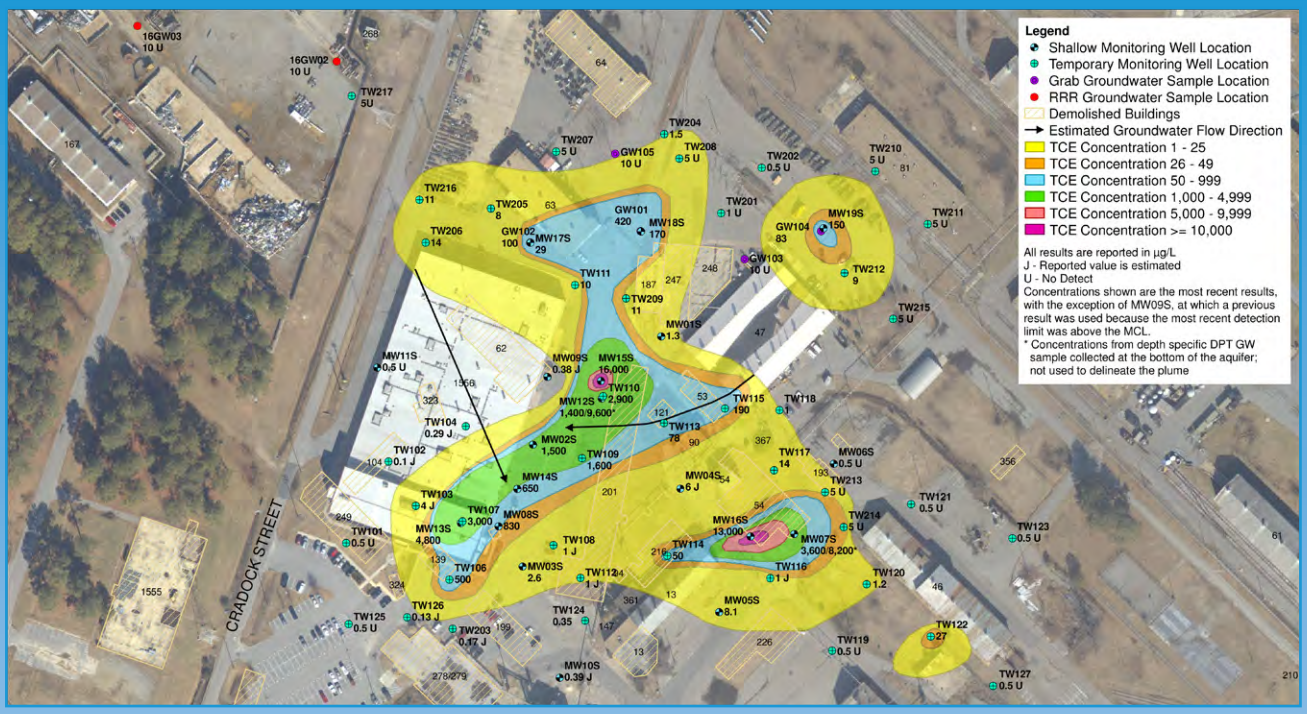
- Implementation of ISCR through direct injection of zero valent iron (ZVI) into the accessible portions of the shallow aquifer high-concentration zone
- Implementation of ERD through injection of EVO into the accessible portions of the shallow aquifer low-concentration zone
- Performance monitoring following the ZVI and ERD injections to confirm COC concentrations continue to reduce

What is ISCR and how is it being implemented?

- ISCR is a process that causes a chemical reaction to break down TCE and its daughter products to innocuous products
- ZVI powder mixed with water was injected with pressure using nitrogen gas to help push it into the aquifer
- Results are relatively fast (can be seen within 3 to 4 weeks to 3 to 4 months) and can remain active for many years (up to 8 years)

What is ERD and how is it being implemented?

- ERD is a process where the naturally occurring biological activity in the aquifer, in which indigenous microbes are present and breaking down TCE to innocuous products, is enhanced
- Vegetable oil mixed with water and a buffer to counter the naturally low pH we injected into the aquifer in similar method as ZVI injections to create conditions favorable for microbes to flourish
- Results are not as quick (can be seen within months to years) and don’t last as long (1.5 to 3 years) as ZVI



Site 21 TCE Plume - Prior to Remedy Implementation

Site 21 TCE Plume - Approximately 2.5 years after ZVI Injection

Because no risk from vapor intrusion was identified in the RI and FS Addendum, the interim remedial action will not change and will serve as the final remedial action and a final RD will not be necessary. A LUC RD has been completed. A Proposed Plan identified ISCR and ERD as the final site preferred alternative and the ROD documenting the final response action has been signed. The remedial action was initiated in 2011 and the construction phase of the remedial action has been completed.

CERCLA Status: The remedial action-operation phase is currently ongoing. Remedial action-operation includes groundwater monitoring to evaluate remedy effectiveness, vapor intrusion monitoring to evaluate whether the remedial action or building deterioration have resulted in potential unacceptable inhalation risks or explosive hazards, and additional emulsified vegetable oil injections, as needed. LUCs are in place to prevent unacceptable exposure to COCs in shallow aquifer groundwater. Additionally, a five-year review that includes review of the Site 21 remedy to determine if it remains protective of human health and the environment, is underway.

Next Steps: Remedial action-operation, implementation and maintenance of the LUCs, and five-year reviews will continue until remedial action objectives are achieved.

Response Complete Installation Restoration Program 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 dentified potential risks to human health and the environment from exposure to chemicals in waste, soil, and drainage sediment.

View looking out from the landfill cover at the fence installed around the perimeter of the landfill.

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 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 remedial action objectives described in the FS had been met. Because the remedial action resulted in hazardous substances, pollutants, or contaminants remaining on site, a five-year review was conducted in 2010 to determine if the selected remedy remains protective of human health and the environment. The five-year review report concluded that the remedy at Site 4 is protective of human health and the environment.

CERCLA Status: Site 4 has achieved Response Complete. LUCs are in place to prevent unacceptable exposure to waste and COCs in soil. Additionally, a five-year review that includes review of the Site 4 remedy to determine if it remains protective of human health and the environment, is underway.

Next Steps: Implementation and maintenance of the LUCs, and five-year reviews will continue to be conducted.

Appendix B
Lists of Major Employers

Major Employers in the City of Chesapeake, Virginia

Employer	Industry	Size Class
Chesapeake City Public School Board	Educational Services	1000 and over employees
City of Chesapeake	Executive, Legislative, and Other General Government Support	1000 and over employees
Chesapeake General Hospital	Hospitals	1000 and over employees
Wal Mart	General Merchandise Stores	1000 and over employees
Cox Communications Hampton	Broadcasting (except Internet)	1000 and over employees
MAC Services	Administrative and Support Services	1000 and over employees
Sentara Healthcare	Hospitals	1000 and over employees
QVC Chesapeake	Nonstore Retailers	500 to 999 employees
YMCA	Religious, Grantmaking, Civic, Professional, and Similar Organizations	500 to 999 employees
Food Lion	Food and Beverage Stores	500 to 999 employees
Farm Fresh	Food and Beverage Stores	500 to 999 employees
Canon Information Technology	Administrative and Support Services	500 to 999 employees
Hsbc Private Label Corp	Credit Intermediation and Related Activities	500 to 999 employees
Household Payroll Services	Credit Intermediation and Related Activities	250 to 499 employees
Simos Insourcing Solution Inc	Support Activities for Transportation	250 to 499 employees
Tidewater Community College	Educational Services	250 to 499 employees
The Titan Corporation	Professional, Scientific, and Technical Services	250 to 499 employees
Southeast Virginia Training Center	Nursing and Residential Care Facilities	250 to 499 employees
Target Corp	General Merchandise Stores	250 to 499 employees
U.S. Department of Homeland Defense	Administration of Economic Programs	250 to 499 employees
Oceaneering International	Transportation Equipment Manufacturing	250 to 499 employees
Medical Management Servic Inc	Professional, Scientific, and Technical Services	250 to 499 employees
The Home Depot	Building Material and Garden Equipment and Supplies Dealers	250 to 499 employees
Lifetouch National School	Personal and Laundry Services	250 to 499 employees
Dollar Tree Management	Management of Companies and Enterprises	250 to 499 employees
Technico Corporation	Support Activities for Transportation	250 to 499 employees
Red Lobster & The Olive Garden	Food Services and Drinking Places	250 to 499 employees
Anteon Corporation	Professional, Scientific, and Technical Services	250 to 499 employees
Cracker Barrel Old Country Store	Food Services and Drinking Places	250 to 499 employees
Dollar Tree Store	General Merchandise Stores	250 to 499 employees
Horizon Services, LLC	Administrative and Support Services	250 to 499 employees
Wendy's	Food Services and Drinking Places	250 to 499 employees
Louisa Health Care Center	Nursing and Residential Care Facilities	250 to 499 employees
7-Eleven	Gasoline Stations	250 to 499 employees
Harris Connect LLC	Publishing Industries (except Internet)	250 to 499 employees
First Data Resource	Data Processing, Hosting and Related Services	250 to 499 employees
Mid Eastern Builders	Construction of Buildings	250 to 499 employees
Lowes' Home Centers, Inc.	Building Material and Garden Equipment and Supplies Dealers	250 to 499 employees
Caci Acquisition Inc	Professional, Scientific, and Technical Services	250 to 499 employees
Alutiiq International Sol	Administrative and Support Services	250 to 499 employees
Hardee's	Food Services and Drinking Places	250 to 499 employees
Plasser American Corporation	Transportation Equipment Manufacturing	250 to 499 employees
St. Brides Correctional Center	Justice, Public Order, and Safety Activities	250 to 499 employees
Sears Roebuck & Company, Inc.	General Merchandise Stores	250 to 499 employees
Map Mobile Communications	Administrative and Support Services	250 to 499 employees
J.C. Penney Corporation, Inc	General Merchandise Stores	250 to 499 employees
May Department Stores Company	General Merchandise Stores	250 to 499 employees
Reliance Staffing Services	Administrative and Support Services	100 to 249 employees
Best Buy	Electronics and Appliance Stores	100 to 249 employees
Postal Service	Postal Service	100 to 249 employees

Source: Chesapeake Economic Development. 2014. *Data Center – Employers.* http://www.chesapeakeva.biz/Data-Center/Employers/Employers. Accessed: September 2014.

Major Employers in the City of Portsmouth, Virginia

Major Employers

A mix of federal government, ship repair, marine engineering, health care, food processing and manufacturing. Portsmouth benefits from its role as a regional "Job Center," with thousands more jobs than available workers within the city. Because of close proximity and accessibility, many workers commute from the surrounding cities resulting in a net in-commute of approximately 6,000 employees.

In fact, Hampton Roads offers a unique labor pool, with over 15,000 exiting military members each year, 20,000 military spouses and over 92,000 college students. For more details on Hampton Roads' workforce, visit Hampton Roads Economic Development Alliance (HREDA).

MAJOR PORTSMOUTH EMPLOYERS*

Ship Repair, Marine Engineering & Defense Contractors	Employees
Norfolk Naval Shipyard	9,000
Earl Industries	900
CDI Marine	164
Accurate Marine Terminal	100

Marine Terminals	Employees
APM Terminals (Maersk)	160
Virginia International Terminal	140
Ceres Marine Terminal, Inc.	125

Government	Employees
City of Portsmouth	2,585
U.S. Fifth District Coast Guard Command	2,500
City of Portsmouth Public Schools	2,192
Hampton Roads Regional Jail	282
Southeastern Public Service Authority	155

Health Care	Employees
Naval Medical Center, Portsmouth	7,000
Bon Secours Maryview Medical Center	2,000
Direct Home Health Care	247
Harbor Pt. / Brighton Behavioral Health Center	143
Family Care Senior Services	140
Autumn Care of Portsmouth	120
Golden Living Center	110

Education	Employees
Tidewater Community College	622

Food Processing & Distribution	Employees
Smithfield of Portsmouth	435

Manufacturing/Industrial Service	**Employees**
Cintas	200
Lindab	125

Retail	**Employees**
Wal-Mart Supercenter	300
Food Lion	250
Lowe's Home Improvement Warehouse	150
Farm Fresh	130
Kroger	100
Neighbor Care Pharmacy	100

Telecommunications	**Employees**
WAVY-TV 10/FOX 43	200

Hospitality	**Employees**
Renaissance Portsmouth Hotel & Waterfront Conference Center	140

Contractors	Employees
W.F. Magann Corporation	115

Service	Employees
CINTAS Corporation	200
Shared Hospital Servicess	125
Crofton Diving Corporation	100

*This information has been obtained from sources believed to be reliable; however, the City of Portsmouth Economic Development Department makes no representation or warranties, expressed or implied, as to the accuracy of the data.

Source: City of Portsmouth Department of Economic Development. 2014. *Major Employers.* http://www.portsmouthvaed.com/lifestyle_major_employers.html. Accessed: September 2014.

Appendix C
Written Questionnaire and Interview Questions and Response Summaries

2014 Community Questionnaire for the Environmental Restoration Program

St. Juliens Creek Annex, Chesapeake, Virginia

Community Involvement Plan

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

The purpose of this questionnaire is to gauge community awareness of the Environmental Restoration Program (ERP) at St. Juliens Creek Annex (SJCA), Chesapeake, Virginia. This questionnaire 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 questionnaire will be kept confidential. Your responses to this questionnaire will be used in summary to help us update the Community Involvement Plan and complete the Five-Year Review for SJCA. The Community Involvement Plan describes how SJCA communicates with the community about the environmental investigation and cleanup activities, and provides opportunities for the public to be involved in the decision-making process. The Five-Year Review looks at sites where cleanup is ongoing or where the selected remedy leaves waste in place, limiting future site use. The purpose of the Five-Year Review is to ensure that the cleanup continues to protect people and the environment.

If you'd like information about SJCA or have any concerns regarding the confidentiality of this questionnaire, or would like to receive information about when and where the SJCA Restoration Advisory Board (RAB) meetings will be held, please contact Jeff Cunningham, Navy Public Affairs Office, at 757-396-9550 or e-mail Jeffrey.R.Cunningham@navy.mil.

Thank you for your participation!

The personal information below is OPTIONAL, but is requested so we can describe generally the types of people who provided input to the Community Involvement Plan (for example: 10 local residents, 5 business owners, etc.) and so we can add your name to a mailing list if requested. At a minimum, please provide your zip code.	
Name:	
Address:	Zip:
Organization:	
Phone (W):	Phone (H):
E-mail:	
How would you describe your "affiliation" with SJCA? (check all that apply)	
☐ Employee Working Within SJCA	☐ Former Employee Working Within SJCA
☐ Retired Military	☐ Local Business Owner
☐ Homeowners Association Representativet)	☐ Local Resident
☐ Civic or Public Interest Organization Representative	☐ Public or Elected Official
☐ Other (please describe):	

Please return this survey by August 29, 2014. Fax, scan/email, or mail to:

CH2M HILL
Attn: Ms. Janna Staszak
5701 Cleveland Street, Suite 200
Virginia Beach, VA 23462
Telephone: 757-518-9666 • Email: Janna.Staszack@ch2m.com • Fax: 757-497-6885

THANK YOU for taking the time to share your thoughts with us! Your participation is greatly appreciated.

1.	a. How long have you lived or worked in this community?	☐ <1 Year ____ Years
	b. How far do you live or work from SJCA?	☐ <1 Mile ☐ 1-5 Miles ☐ 5-10 Miles ☐ >10 Miles

2.	On a scale of 1 to 5, with 1 being Poor and 5 being Excellent, how would you rank SJCA's relationship with the surrounding community?			
	a. Trusting Relationship		c. Involved in the Community	
	b. Open Communication		d. Concerned for the Environment	

3.	a. How would you rate the public's attitude toward SJCA?	☐ Excellent ☐ Satisfactory ☐ Poor
	b. How would you rate your attitude toward SJCA?	☐ Excellent ☐ Satisfactory ☐ Poor

4.	a. Are you concerned about any environmental issues at SJCA? ☐ Yes ☐ Somewhat ☐ No b. If yes, what issues? _____

5.	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 ☐ Environment ☐ Quality of Life ☐ Other (please explain): _____		

6.	a. Do you feel the base is fulfilling its role as a responsible neighbor regarding environmental cleanup?	☐ Yes ☐ No ☐ Don't Know
	b. Do you think the cleanup of SJCA, when completed, will protect human health and the environment?	☐ Yes ☐ No ☐ Don't Know

7.	Before you received the fact sheet included with this questionnaire, were you aware of:	
	a. Ongoing efforts to investigate and clean up past contamination at U.S. Navy facilities?	☐ Yes ☐ No
	b. The SJCA Environmental Restoration Program *If yes,* what is your understanding of the program? (please explain) _____ _____	☐ Yes ☐ No

8.	Do you think the U.S. Navy, U.S. Environmental Protection Agency (EPA), and Virginia Department of Environmental Quality (DEQ) are viewed as credible, trustworthy sources of information about the environmental cleanup at SJCA?	U.S. Navy:	☐ Yes	☐ No ☐ Not Sure
		U.S. EPA:	☐ Yes	☐ No ☐ Not Sure
		Virginia DEQ:	☐ Yes	☐ No ☐ Not Sure

9.	a. Have you talked with any U.S. Navy, U.S. EPA, or Virginia DEQ officials about the environmental cleanup at SJCA?	☐ Yes ☐ No
	If yes, which officials? _____	
	If yes, were they responsive to your concerns or questions?	☐ Yes ☐ No
	b. If you had a question or comment about the environmental cleanup program at SJCA, who would you contact? _____ _____	

Records of Decision for Sites 2, 4, and 21 have been completed at SJCA. Records of Decision explain the selected remedial action and include responses to questions and comments that were submitted during public review.

The Remedial Actions for Sites 2 (Waste Disposal Area B), 4 (Landfill D), and 21 (Industrial Area) were selected based on findings contained in documents that are part of the Administrative Record for SJCA. Site 2 is the former waste disposal area in the south-central portion of SJCA, adjacent to St. Juliens Creek. Site 4 is the former waste disposal area in the northeastern portion of SJCA just north of Blows Creek and west of the Southern Branch of the Elizabeth River. Site 21 is the industrial area in the south-central portion of the facility.

Additional information regarding these sites is provided in the Fact Sheet included in this mailing, and also in the Information Repository at the Major Hillard Public Library.

10. a. Prior to receiving this mailing, were you aware of the Remedial Actions that have occurred at these sites?

Site 2 (Waste Disposal Area B):	☐ Yes	☐ No
Site 4 (Landfill D):	☐ Yes	☐ No
Site 21 (Industrial Area):	☐ Yes	☐ No

b. *If yes,* how did you become aware?

☐ Newspaper
☐ TV/Radio
☐ Word of Mouth
☐ Other

c. Are you aware of any community concerns regarding Sites 2, 4, or 21, the activities conducted at these sites in the past, or the Remedial Actions? ☐ Yes ☐ No

If yes, please provide details: _____

d. Do you feel well-informed about the environmental activities and progress at these sites?

Site 2 (Waste Disposal Area B):	☐ Very	☐ Somewhat	☐ Not Very	☐ Not At All	☐ Not Sure
Site 4 (Landfill D):	☐ Very	☐ Somewhat	☐ Not Very	☐ Not At All	☐ Not Sure
Site 21 (Industrial Area):	☐ Very	☐ Somewhat	☐ Not Very	☐ Not At All	☐ Not Sure

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

Site 2 (Waste Disposal Area B):	☐ Very	☐ Somewhat	☐ Not Very	☐ Not At All	☐ Not Sure
Site 4 (Landfill D):	☐ Very	☐ Somewhat	☐ Not Very	☐ Not At All	☐ Not Sure
Site 21 (Industrial Area):	☐ Very	☐ Somewhat	☐ Not Very	☐ Not At All	☐ Not Sure

Why? _____

11. a. How do you typically receive information about local news and events? (select all that apply)

☐ The *Virginian-Pilot* ☐ Television ☐ Radio ☐ Website ☐ Other:_____

If TV or radio, which stations? _____

b. Have you ever seen newspaper advertisements for public meetings concerning the SJCA Environmental Restoration Program? ☐ Yes ☐ No

12. a. Before you received the fact sheet, were you aware of 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

12. Cont'd.	c. *If you were aware of the RAB meetings, but did not attend the RAB meetings,* why not?	
	☐ Not Interested ☐ Lack of Child Care ☐ Bad Time ☐ Location ☐ Too Busy ☐ Other	

13.	a. Are you aware of the SJCA information repository at the Major Hillard Public 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? _____			

SJCA is scheduled to achieve "Construction Completion" status by the end of 2015. A facility achieves Construction Completion when the last remedial action has been completed or the remedy has been implemented such that the treatment system is operating as intended (Remedy in Place) and the Preliminary Closeout Report for the facility has been signed. Following Construction Completion, ongoing work will consist primarily of monitoring. A Final Closeout Report for the facility will be executed once the remedial action objectives for all of the sites have been achieved, after which time the facility will be eligible for deletion from the National Priorities List.

14.	a. After SJCA achieves the Construction Completion milestone, would you like to receive updates regarding the environmental restoration program at SJCA?	☐ Yes ☐ No
	b. If yes, how would you like to receive those updates? (check all that apply) ☐ Newspaper Notices ☐ Television ☐ Radio ☐ Website ☐ Mailing List ☐ Email List ☐ Public Meetings ☐ Other (please describe):_____	
	c. *If yes,* how frequently would you like to receive updates?	☐ Twice per year (Current RAB frequency) ☐ Annually ☐ Every 5 years, in association with the Five-Year review

15.	Do you have any other comments or suggestions for the SJCA environmental cleanup team?

2014 CIP Update Questionnaire Results
St. Juliens Creek Annex
Chesapeake, Virginia

		Question and Answer Choices	Responses (Out of 7 respondents)
How would you describe your "affiliation" with SJCA? (check all that apply)			
		Employee working within SJCA	0
		Former Employee working within SJCA	0
		Retired Military	0
		Local Business Owner	0
		Homeowners Association Representative	0
		Local Resident	6
		Civic or Public Interest Organization Representative	0
		Public or Elected Official	0
		Other (please describe): Work at TFC	1
1	**a.**	**How long have you lived or worked in this community?**	
		< 1 year	0
		_____ years	4, 10, 10, 17, 29, 35, 63
	b.	**How far do you live or work from SJCA?**	
		< 1 miles	2
		1-5 miles	5
		5-10 miles	0
		> 10 miles	0
2	**On a scale of 1 to 5, with 1 being Poor and 5 being Excellent, how would you rank SJCA's relationship with the surrounding community?**		
	a.	Trusting Relationship	3, NA, 3, 5, 4, NA, 5
	b.	Open Communication	1, NA, 1, 5, 3, NA, 4
	c.	Involved in the Community	4, NA, 1, 5, 4, NA, 5
	d.	Concerned for the Environment	1, NA, 3, 5, 3, 5, 5
3	**a**	**How would you rate the public's attitude toward SJCA?**	
		Excellent	1
		Satisfactory	6
		Poor	0
	b.	**How would you rate your attitude toward SJCA?**	
		Excellent	2
		Satisfactory	3
		Poor	1
		NA	1
4	**a.**	**Are you concerned about environmental issues at SJCA?**	
		Yes	4
		No	1
		Somewhat	2
	b.	**If yes, what issues? *(Respondents asked to provide their own responses; the following responses were received)***	
		Environmental restoration	1
		Water quality	1
		Groundwater contamination	1
		Chemicals	1
		Intracoastal waterway	1
		Wildlife	1
5	**a.**	**Do you feel that environmental contamination at SJCA has affected the surrounding community?**	
		Yes	5
		No	2
	b.	**If yes, in what ways (check all that apply)?**	
		Health	1
		Environment	5
		Economic loss	0
		Quality of life	1
		Perception of the community	3
		Other (please explain)	0
6	**a.**	**Do you feel the base is fulfilling its role as a responsible neighbor regarding environmental cleanup?**	
		Yes	1
		No	1
		Don't know	5
	b.	**Do you think the cleanup of SJCA, when completed, will protect human health and the environment?**	
		Yes	4
		No	0
		Don't know	2
		NA	1

2014 CIP Update Questionnaire Results
St. Juliens Creek Annex
Chesapeake, Virginia

		Question and Answer Choices	Responses (Out of 7 respondents)
7	**Before receiving the fact sheet included with this questionnaire, were you aware of:**		
	a.	**Ongoing efforts to investigate and clean up past contamination at U.S. Navy facilities?**	
		Yes	2
		No	5
	b.	**The SJCA Environmental Restoration Program?**	
		Yes	1
		No	6
		If yes, what is your understanding of the program? ***(Respondents asked to provide their own responses; the following response was received)***	
		That there was contamination on the property and there has been ongoing cleanup	1
8	**Do you think the U.S. Navy, U.S. Environmental Protection Agency (USEPA), and Virginia Department of Environmental Quality (DEQ) are viewed as credible, trustworthy sources of information about the environmental cleanup at SJCA?**		
	a.	**U.S. Navy**	
		Yes	2
		No	1
		Not sure	4
	b.	**U.S. EPA**	
		Yes	3
		No	1
		Not sure	3
	c.	**Virginia DEQ**	
		Yes	2
		No	0
		Not sure	5
9	**a.**	**Have you talked with any U.S. Navy, U.S. EPA, or Virginia DEQ officials about the environmental cleanup at SJCA?**	
		Yes	0
		No	7
		If yes, which officials?	
		If yes, were they responsive to your concerns or questions?	
		Yes	NA
		No	NA
	b.	**If you had a question or comment about the environmental cleanup program at SJCA, who would you contact?** ***(Respondents asked to provide their own responses; the following responses were received)***	
		EPA	1
		Don't know	2
10	**a.**	**Prior to receiving this mailing, were you aware of the Remedial Actions that have occurred at these sites?**	
		Site 2 (Waste Disposal Area B):	
		Yes	1
		No	6
		Site 4 (Landfill D):	
		Yes	1
		No	6
		Site 21 (Industrial Area):	
		Yes	1
		No	6
	b.	**If yes, how did you become aware?**	
		Newspaper	0
		TV/radio	0
		Word of mouth	1
		Other (please explain)	0
	c.	**Are you aware of any community concerns regarding Sites 2, 4, or 21, the activities conducted at these sites in the past, or the Remedial Actions? If so, please give details.**	
		Yes	0
		No	7

2014 CIP Update Questionnaire Results
St. Juliens Creek Annex
Chesapeake, Virginia

		Question and Answer Choices	Responses (Out of 7 respondents)
	d.	**Do you feel well informed about the environmental activities and progress at these sites?**	
		Site 2 (Waste Disposal Area B):	
		Very	0
		Somewhat	0
		Not very	3
		Not at all	3
		Not sure	0
		NA	1
		Site 4 (Landfill D):	
		Very	0
		Somewhat	0
		Not very	3
		Not at all	3
		Not sure	0
		NA	1
		Site 21 (Industrial Area):	
		Very	0
		Somewhat	0
		Not very	3
		Not at all	3
		Not sure	0
		NA	1
	e.	**Do you feel that the remedy selected for this site will protect human health and the environment?**	
		Site 2 (Waste Disposal Area B):	
		Very	1
		Somewhat	2
		Not very	1
		Not at all	1
		Not sure	2
		Site 4 (Landfill D):	
		Very	2
		Somewhat	2
		Not very	
		Not at all	1
		Not sure	2
		Site 21 (Industrial Area):	
		Very	1
		Somewhat	2
		Not very	1
		Not at all	1
		Not sure	2
		Why? ***(Respondents asked to provide their own responses; no responses were received)***	NA
11	**a.**	**How do you typically receive information about local news and events (select all that apply)?** ***(Respondents asked to provide their own responses; the following responses were received)***	
		The Virginian-Pilot newspaper	3
		Television	4
		Radio	0
		Website	0
		Other (please describe): Word of mouth	1
		If television or radio, which stations?:	1
		Wavy	2
		WHRO	1
		WTKR	2
		WVEC	1
		WVBT	1
	b.	**Have you ever seen newspaper announcements for public meetings concerning the SJCA Environmental Restoration Program?**	
		Yes	0
		No	7

2014 CIP Update Questionnaire Results
St. Juliens Creek Annex
Chesapeake, Virginia

		Question and Answer Choices	Responses (Out of 7 respondents)
12	**a.**	**Before receiving the fact sheet, were you aware of the SJCA Restoration Advisory Board (RAB)?**	
		Yes	0
		No	7
	b.	**If yes, how many meetings have you attended?**	
		None	NA
		1-2	NA
		2-5	NA
		> 5	NA
	c.	**If you were aware of the RAB meetings but did not attend, why not?**	
		Not interested	NA
		Lack of child care	NA
		Bad time	NA
		Location	NA
		Too busy	NA
		Other	NA
13	**a.**	**Are you aware of the SJCA Information repository at the Major Hillard Branch Library in Chesapeake?**	
		Yes	0
		No	7
	b.	**If yes, have you made use of this resource?**	
		Yes	NA
		No	NA
	c.	**Do you feel this is a convenient location?**	
		Yes	2
		No	0
		NA	5
	d.	**If no, where would you prefer it to be? Respondents asked to provide their own answers; the following responses were received)**	
		Post office	1
		Police station	1
		City Hall	1
14	**a.**	**After SJCA achieves the Construction Completion milestone, would you like to receive updates regarding the environmental restoration at SJCA?**	
		Yes	6
		No	1
	b.	**If yes, how would you like to receive those updates?**	
		Newspaper Notices	1
		Television	2
		Radio	0
		Website	1
		Mail	3
		Email	3
		Public Meetings	
		Other (please describe):	0
	c.	**If yes, how frequently would you like to receive updates?**	
		Twice per year (current RAB frequency)	4
		Annually	1
		Every 5 years, in association with the Five-Year Review	0
		NA	1
15		**Do you have any other comments or suggestions for the SJCA environmental cleanup team? *(Respondents asked to provide their own response; the following responses were* received)**	
		It isn't a bad idea to everyone have an environmental cleanup, also a program that deals in hazardous materials	1
		This is a great way to get public informed about a serious issue, but I think you should use other avenues of media to inform most people.	1

St. Juliens Creek Annex Community Involvement Plan 2014 Update
Interview Questions – Combined Responses

Note: Responses were not provided by all 9 interviewees on every question and in some instances more than 1 response was provided by an interviewee on a question; therefore, questions may have more or less than 9 responses.

1. How would you describe your "affiliation" with St. Juliens Creek Annex?
    - St. Juliens Creek Annex employee (1)
    - Former St. Juliens Creek Annex employee
    - Retired military (3)
    - Local business owner
    - Homeowners Association representative (1)
    - Local resident (2)
    - Civic or public interest organization representative
    - Public or elected official (1)
    - Representative of local environmental organization (2)
    - RAB representative (3)
    - Former city elected official
2. How long have you lived or worked in this community?
    - Has worked at St. Juliens Creek Annex since early 2013
    - Lived and work in local community 27 years
    - Lived there 15 years
    - 11 years
    - 8 years
    - 48 years
    - 19 years
    - 60+ years
    - "All my life, my ancestors are from here"
3. How far do you live or work from St. Juliens Creek Annex?
    - 10 miles
    - ½ mile
    - 4-5 miles
    - Just across the creek
    - 10 miles
    - 9 miles
    - 17 miles
4. Do you think St. Juliens Creek Annex has a good relationship with the surrounding community?
    - Unsure; does not think most of the surrounding community knows about SJCA
    - Yes; would have heard if there were problems
    - The site is in Chesapeake, but seems more like it is in Portsmouth, which may affect how people see it.
    - Have not heard anything negative; local people appreciate using the baseball fields
    - Seems like SJCA has a better relationship with the community than the Shipyard, but that is not much of a comparison.

- In general yes, but would like to see more people involved; there used to be more people involved, but they have dwindled off and it seems like public meetings have very few residents in attendance.
- Does not have a basis to day because does not really know the local community around SJCA
- Yes, as a community facility; they have fire training and baseball fields
- Think so, but also think that more people who live along St. Juliens Creek would want to be involved
- Thinks so, but SJCA is much more insulated from the community now than they used to be; 20-30 years ago, everyone who lived in the Craddock area worked there, but not as much now. People are less engaged in their local communities.

5. What would you say is the general public's attitude toward St. Juliens Creek Annex?
    - Unaware; most people just do not really know anything about it
    - Has not heard of any problems
    - It is a mystery site; people know what happened there in the past, but do not know what is there or what is done there now. The base has a very interesting history that the Navy could promote.
    - Local fishermen know it as a good fishing area.
    - People do not even think about it; nothing really going on at SJCA except the baseball fields. Back when it was active, the attitude was good.
    - Unsure; people do not really know a lot about it; those that do are either interested in it as city property, or in any runoff from the base.
    - People do not know what happens at SJCA; there has been much less interaction with the base since 9/11.
    - Not as interested as many years ago, especially after World War II; at that time, a lot of the houses built up around the bases and everyone worked there or at the Shipyard. Now, not as many of the people who live there work at SJCA or the Shipyard.
    - Generally favorable because the economy is tied to defense with so many civilians working on the bases.

6. How would you describe your attitude toward St. Juliens Creek Annex?
    - Positive; lots of potential for redevelopment
    - No attitude; does not know what is done at SJCA
    - Happy that it is being cleaned up. Understands that it has to happen in "Superfund time" but would still like more progress more quickly.
    - Very favorable; but has a personal connection to the property itself.
    - Does not have a specific attitude; does not hear much about SJCA anymore. In the 1990s, the commanders were more engaged in the community than they are now.

7. Have you noticed anything at St. Juliens Creek Annex or in the surrounding area that would give you concerns about St. Juliens Creek Annex activities affecting the environment? If yes, what concerns you?
    - No; does not think that the environment is that bad especially considering SJCA is industrial
    - No; basically aware of the work, but nothing specific
    - No specific concerns because the surrounding area is so industrial
    - Heard something about it in the news awhile back, cannot remember what but did not seem negative.

- Most interested in the ultimate end-use of the property; need for soft shoreline, habitat restoration, etc.
- Not really anything specifically from SJCA, but does keep track of a lot of the properties along the river (interviewee fishes on the river and eats the fish). Feels like a lot of the pollutants there are from older facilities that have been shut down.
- Has not noticed anything in particular, but already aware of the environmental issues because of position on the RAB
- Has not been there in years. Would be just generally concerned about deterioration of the waterfront. Asked about how many Superfund sites are in Portsmouth.

8. Do you feel that environmental contamination at St. Juliens Creek Annex has affected the surrounding community in any way? If yes, in what ways?
    - Not in any specific way – it is fenced off, surrounded by water, and everyone in that area is on public water supply
    - Sure that they are meeting requirements now, but have no specific knowledge; no news is probably good.
    - Thinks that people think the creek is highly contaminated, but personally does not think that
    - Knows that SJCA has affected the environment some, but that it is being taken care of. Not sure yet about groundwater, but people do not use wells.
    - Thinks water quality is actually improving. Does not hear a lot of concern from other fishermen.

9. Do you feel the base is fulfilling its role as a responsible neighbor regarding environmental cleanup?
    - No opinion – not sure where it falls into the Navy structure or who to call
    - The base keeps a pretty low profile; probably mandated to do so. In that case, no news is probably good news.
    - Yes, definitely
    - Yes; Tenants have environmental staff and there is oversight
    - Now – yes, cleaning it up. During World War II – no, they were just dumping and burning chemicals
    - Think the Cities would all say the Navy is very diligent about the cleanup, but this is a "fast society" and cleanup does not happen fast enough.

10. Do you think the cleanup of St. Juliens Creek Annex when completed will protect human health and the environment?
    - Thinks so – it is remote location, surrounded by water
    - Hard to know without studying the remedies, but assumes the Navy is following the Superfund process. Would like to see habitat enhancement as part of remediation.
    - Yes – doing an excellent job
    - Yes, as long as there is follow-up testing
    - Yes, because of position on the RAB and therefore conscious of what is being done
    - Not sure how to answer; thinks people are more concerned about the environment and working to do the right thing BUT you never know what will be going on in the world, and whether the military will need to focus on military action more than environmental action.

11. Before you were contacted for this interview, were you aware of ongoing efforts to investigate and clean up past contamination at United States Navy facilities? Are you aware of the St. Juliens Creek Annex Environmental Restoration Program? If yes, what is your understanding of the program?
    - Yes – general awareness of ongoing remediation at Site 2 and 21, and works in a building at Site 21.
    - Yes – general awareness, and other municipal employees have more detailed understanding
    - Not aware of anything having to do with SJCA. Mostly hear about Paradise Creek Park (directly from the Elizabeth River Project) and attend their meetings regularly.
    - Yes (4)
    - Yes, been generally aware for years. Not just what the Navy is doing but also private concerns, the Elizabeth River Project, etc.

12. Do you think the United States Navy, United States Environmental Protection Agency (EPA), and Virginia Department of Environmental Quality (DEQ) are viewed as credible, trustworthy sources of information about the environmental cleanup at St. Juliens Creek Annex?
    - Yes
    - No, not by the general public
    - City's relationship with regulatory agencies has been mixed; City is closer to the people than the state or federal agencies, so they have had to do some negotiation sometimes
    - Government agencies will tell you what they can. But the river has come a long way and that would not have happened without the government agencies. They are no more or less trustworthy than any other agency.
    - Navy – yes, because of the general area. EPA – depends on the target audience. People have strong opinions. VDEQ – probably seen as more credible than EPA.
    - Navy – yes. VDEQ – probably. EPA – not really; they have to send someone down from Philadelphia for the meetings and do not participate much.
    - Yes because a RAB member. If not on the RAB, would probably still say yes for the Navy (because he works for them) but would not have much interaction with EPA and VDEQ.
    - Maybe. But with all the "noise" in the media, it would be good to partner with an organization that delivers credible results, like the Elizabeth River Project.
    - Yes, does not think they have any reason to hide anything now.
    - Quantifiable results help with credibility.

13. Have you talked with any United States Navy, United States EPA, or Virginia DEQ officials about the environmental cleanup at St. Juliens Creek Annex? If yes, which officials? If yes, were they responsive to your concerns or questions?
    - No (2)
    - Coordinated baseline sampling at base of Blows Creek with former NAVFAC project manager, which was a very positive experience
    - No - Has not needed to contact them; gets satisfactory answers at the RAB meetings. Noted that the content of RAB presentations are sometimes too technical but gets answers to questions at RAB meetings.
    - Yes, but concerned that there are more people paid to come to the RAB meetings than citizens who choose to attend.
    - Yes, through the RAB – they are responsive.

14. If you had a question or comment about the environmental cleanup program at St. Juliens Creek Annex, who would you contact?
    - Would talk to municipal technical staff first – they would know who to contact
    - Would probably call VDEQ
    - Navy project manager (2) (current and previous managers named)
    - The Elizabeth River Project
    - Names and numbers from RAB notes

15. Were you aware of the Remedial Actions that have occurred at Site 2 (Waste Disposal Area B), Site 4 (Landfill D), and/or Site 21 (Industrial Area)? If yes, how did you become aware?
    - Yes – Sites 2 and 2 because works in a building at Site 21, which is located near Site 2 so sees the work going on and helps coordinate access to the building for the vapor intrusion monitoring. Was informed of the indoor air sampling through a superior
    - Not specifically, just general awareness (3)
    - No really. Aware of Giant Cement cleanup and putting in oyster beds.
    - Environmental organization – generally aware.
    - Yes because of position on the RAB (3)
    - Participated in a site visit years ago with NOAA, EPA, and the Navy

- Are you aware of any community concerns regarding Sites 2, 4, or 21, the activities conducted at these sites in the past, or the Remedial Actions? If yes, what concerns?
    - No
    - Personal concern – aesthetically, Site 2 is rather barren. If not going to build on it, then need to give it some natural features.

- Do you feel well informed about the environmental activities and progress at these sites?
    - Yes – assumes that indoor air levels at Site 21are safe because has not heard otherwise
    - Not very aware of what is being done at Site 2. More aware of work at Site 4 because they (environmental organization) were doing work at Muddy Point and saw equipment at Site 4.
    - Yes, through RAB meetings.

- Do you feel that the selected remedy for each site will protect human health and the environment? Why?
    - Yes –there is a lot of activity associated with the remediation – lots of sampling being conducted
    - Hopes so; has come a long way in knowing what to do, so hopefully it is being taken care of. The biggest step was to stop dumping.
    - Presume so, but will be important to monitor
    - Yes, comfortable that everything that can be done is being done with the budget available. Has been on tours and seen demonstrations on what is being done.
    - Very comfortable with the decisions that have been made. Overall, very impressed with the whole way the work is being done.

16. How do you typically receive information about local news and events?
    - Local TV news, radio, and *The Virginian Pilot*

- Internet news highlights. Currently gets newspaper (*The Virginian Pilot*) but may stop. Watches local news on TV.
- Mostly online news organizations. Tracks things having to do with the Elizabeth River using a Google news searching feature that allows you put in key words and it sends you an email.
- Local TV stations – Channels 3, 10, and 13
- Elizabeth River Project website

17. Have you ever seen newspaper advertisements for public meetings concerning the St. Juliens Creek Annex Environmental Restoration Program?
    - No
    - No, but does not really look for them either. Might want to use social media or civic leagues to help spread the word.
    - No, but get email notification of them.
    - No, but does not read the legal notices.
    - Thinks so, but not in a long time. Does see notices about Paradise Creek.
    - Used to see them in *The Beacon* or *The Clipper*, but not anymore. Gets email notices.

18. Are you aware of the St. Juliens Creek Annex Restoration Advisory Board?

    No (3)
    Yes
    Yes, on it (3)

If yes, how many meetings have you attended?
If you were aware of the meetings but did not attend, why?

- Might attend if it was advertised well – not a legal notice in the newspaper, but need to get information online and on Facebook.
- Environmental organization has not been aware of when meetings are. Requested notification at least a month in advance.
- Time, location, and frequency are fine. But need to do a better job of getting the word out about the meetings –reach out to the civic leagues. E.g., Craddock. Brentwood doesn't have a civic league, but has a women's club.
- Frequency is fine and location is good for local people. But would like to see more representation from local citizens, particularly those on the waterfront of St. Juliens Creek and the Elizabeth River.
- Frequency and location are fine.

19. Are you aware of the St. Juliens Creek Annex information repository at the Major Hillard Public Library in Chesapeake?
    - No (4)
    - Yes (2)

    If yes, have you made use of this resource?

    No

    Do you feel this is a convenient location?

    Yes, good for local residents

    If no, where would you prefer it to be?

    Craddock also has a library (branch of the Portsmouth library)

20. St. Juliens Creek Annex is scheduled to achieve "Construction Completion" status by the end of 2015. A facility achieves Construction Completion when the last remedial action has been completed or the remedy has been implemented such that the treatment system is operating as intended (Remedy in Place). After SJCA achieves the Construction Completion milestone, would you like to receive updates regarding the Environmental Restoration Program at St. Juliens Creek Annex? If yes, how and how often would you prefer to receive these updates?

    Virginian-Pilot Newspaper? *Other newspaper (which one)?*
    Television (which station)? *Radio (which station)?*
    Website (which site)? *Email List?*
    Mailing List? *Public Meetings?*
    Other?

    - Website for Cities of Chesapeake and Portsmouth – add a link the SJCA website; people want information "on-demand"
    - Civic league email blasts (send mail or email to civic league president(s). City keeps good track of who those are if there is turnover.
    - Email notification
    - Annual fact sheet (by email)
    - Best way to get information out to people is through the civic league. But people do not come to the meetings unless there is something going on.
    - Would like for the RAB to continue to meet at least 1x per year
    - A Navy spokesperson should go to a public City Council meeting and give an annual update in the first 5-10 minutes of the meeting. That would make it very public.
    - Upon Construction Completion, get a group of select people, including legislators and some fairly significant community leaders and invite them to a luncheon to discuss the progress.
    - Send emails to specific groups and ask them to pass them along to their email distribution lists (e.g., Elizabeth River Project.
    - Stop putting ads in legal notices. If required to do ads, put them in *The Current* and *The Clipper* (local inserts in the Virginian Pilot) where people may actually read them.
    - Put a link to website in RAB advertisements
    - Should do something to remove old buildings and cleanup the appearance of the base, and then publicize that
    - Navy should contact every landowner along the water in the local neighborhoods and give them an opportunity to join the RAB
    - Put information repository online
    - As needed or 1-2x per year
    - Annually
    - Send out a fact sheet to stakeholders and RAB members 1x per year
    - Every year or two
    - Hold annual in-person update RAB/public meeting and then update documents on the website semi-annually

21. Do you have any comments, suggestions, or recommendations for the St. Juliens Creek Annex environmental cleanup team?
    - Suggestions/Recommendations
        - Have the base commander attend a City Council work session to provide a broad-brush review of the program by providing a 15 minute presentation which would be followed by a 15 minute question and answer period. This

would be videotaped and then be available on the city's website for people to see at any time. This approach would help build the relationship between the Navy and the City Council.
    - Provide a site tour to the City Manager and staff.
    - Provide information to civic leagues to help get the word out. They can add the information to its email list, website, and Facebook page.
    - Attend a civic league meeting to discuss the mission of SJCA, as well as the environmental restoration and river cleanup. It is important because Paradise Creek has come so far.
    - Attend a civic league event like the Navy did a few year back when they set up a booth at the Civic League's Spring Fest.
    - Provide more public involvement, especially if it looks like the base will close and the property re-used.
    - Use environmental beneficial techniques, "soft" shorelines to help habitats, etc. Did a great job with Paradise Creek. Overall concern and focus is on the river, water quality, habitats, etc.
    - Consider working with Elizabeth River Project on habitat restoration opportunities (oyster beds, wetlands, living shorelines, etc.); would serve as a good opportunity to partner to promote cleanup of the industrialized areas along the Elizabeth River.
    - Use civic leagues to help get the word out about the cleanup.
    - Reach out to current onsite tenant groups (SPAWAR, DRMO, Naval Undersea Warfare) to see if anyone is interested in RAB meetings.
    - Add .pdfs of meeting minutes to the public website.
    - Add links to community organizations, and state and federal organizations to the public website.
    - Include RAB meeting minutes and handouts on the public website, as well as links to DEQ, the Elizabeth River Project, etc. Update documents on the website every 6 months.
    - Reach out to Portsmouth angling club and to tenant organizations.
    - Reach out to the Elizabeth River Project to look for ways to partner with them since they are a credible organization that delivers results, and their reach extends throughout Hampton Roads. They send out newsletters, meeting announcements, celebration announcements, etc. The base commander should contact them to look for opportunities.
    - Do a big restoration of Blows Creek (like Paradise Creek) and putting in oyster beds.
- Comments/Concerns
    - Biggest potential concern is whether anyone is on well water.
    - Appreciation for the removal of ordnance for public safety.

Additional Interview Question for Base Personnel

1. Are you aware of any complaints, violations, or other incidents related to Environmental Restoration Program activities that have occurred or are occurring at SJCA? If so, please provide details.
    - No

Appendix D
Key Contacts

St. Juliens Creek Annex Community Involvement Plan
Key Contacts

U.S. Navy			
Organization/ Department/Title	**Name**	**Address**	**Phone/Fax/E-mail**
NNSY Commanding Officer	CAPT Mark Bridenstine	Norfolk Naval Shipyard, Commander Portsmouth, VA 23709-5000	
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
Remedial Project Manager	Krista Parra	NAVFAC MidLant 9742 Maryland Ave. Environmental Code OPHE30, Bldg N-26, Rm 3300 Norfolk, VA 23511-3095	Phone: (757) 341-0395 krista.parra@navy.mil
U.S. Environmental Protection Agency			
Organization/ Department	**Name**	**Address**	**Phone/Fax/E-mail**
USEPA Region 3, Remedial Project Manager	Robert Stroud	USEPA (Region III) USEPA Environmental Science Center 791 Mapes Road, Mail Code: 3HS11 Fort Meade, MD 20755-5350	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	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	475 Russell Senate Office Building Washington, D.C. 20510	Phone: (202) 224-2023
U.S. Senator	The Honorable Tim Kaine	B40C Dirksen Senate Office Building Washington, D.C. 20510	Phone: (202) 224-4024
U.S. House of Representatives	The Honorable J. Randy Forbes	505 Independence Parkway, Suite 104 Chesapeake, VA 23320	Phone: (757) 382-0080
Governor of the Commonwealth of Virginia	The Honorable Terence (Terry) R. McAuliffe	Virginia State Capital, Third Floor Richmond, VA 23219	Phone: (804) 786-2211
Lieutenant Governor of the Commonwealth of Virginia	The Honorable Ralph S. Northam	102 Governor Street Richmond, VA 23218	Phone: (804) 786-2078
Attorney General of the Commonwealth of Virginia	The Honorable Mark R. Herring	900 East Main Street Richmond, VA 23219	Phone: (804) 786-2071
State Senate	The Honorable Kenneth C. Alexander	P.O. Box 16207 Chesapeake, VA 23328	Phone: (757) 223-1333
State Senate	The Honorable Louise Lucas	P.O. Box 700 Portsmouth, VA 23705	Phone: (757) 397-8209
State House of Delegates	The Honorable Lionell Spruill Sr.	7246 Granby Street Norfolk, VA 23505	Phone: (757) 424-2178
State House of Delegates	The Honorable Barry D. Knight	P.O. Box 68726 Virginia Beach, VA 23471	Phone: (757) 426-6387
State House of Delegates	The Honorable Matthew James	P.O. Box 15483 Chesapeake, VA 23328	Phone: (757) 967-7583

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) 382-6151 council@cityofchesapeake.net
Mayor	The Honorable Alan P. Krasnoff	1006 Cuervo Court Chesapeake, VA 23322	Phone: (757) 382-6153 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 Lonnie E. Craig	3613 S. Battlefield Blvd Chesapeake, VA 23323	Phone: (757)421-2322 lcraig@cityofchesapeake.net
Councilman	The Honorable Ronald J. Davis	306 Cedar Road Chesapeake, VA 23320	Phone (757) 447-0950 rjdavis@cityofchesapeake.net
Councilman	The Honorable Robert C. Ike, Jr.	908 Executive Court, #104 Chesapeake, VA 23320	Phone: (757) 842-4819 rike@cityofchesapeake.net
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 Suzy H. Kelly	732 Schoolhouse Road Chesapeake, VA 23322	Phone: (757) 482-4242 suzy@jokell.com

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 Kenneth I. Wright	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8746
Vice Mayor	The Honorable Paige D. Cherry	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639
Councilman	The Honorable Danny W. Meeks	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 Curtis E. Edmonds Sr.	801 Crawford Street Portsmouth, VA 23704	Phone: (757) 393-8639
Councilman	The Honorable William E. Moody Jr.	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 Hampton Roads Director	Hampton Roads Office 142 West York Street Suite 618 Norfolk, VA 23510	757-971-0366 tford@cbf.org
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 23510	(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	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	Mrs. E. Ann Horne	21 Alden Avenue Portsmouth, VA 23702	Phone: 757-393-8788 Fax: 757-393-5020
G.A. Treakle Elementary	Mrs. Shelia Johnson	2500 Gilmerton Road Chesapeake, VA 23323	Phone: 757-558-5361 Fax: 757-558-5365
Victory Elementary	Donna Kirby	2828 Greenwood Dr Portsmouth, VA 23701-4340	Phone: 757-393-8806 Fax: 757-393-5139
Paradise Creek Nature Park	Sarah Sumoski	1141 Victory Blvd Portsmouth, VA 23702	Phone: (757) 399-7487

Chesapeake Civic League Directory

Organization	Contact	Address	City	State	Zip	Phone	Meeting Information	Meeting Location	Police Precinct
Ahoy Acres/Ahoy Acres South 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
Berkshire Civic League	Danny Larmon	1312 Kingsbury Ct.	Chesapeake	VA	23322	576-4799			
Bowers Hill Civic League	Michael Goodrich	4120 Sunkist Road	Chesapeake	VA	23321	439-6988			Western Branch
Brittany Woods Civic League	Chuck Anderson	2909 Duke of York Drive	Chesapeake	VA	23321	483-0234			Western Branch
Camelot Civic League	Dr. Charles H. Bowens, III	P.O. Box 6093	Chesapeake	VA	23323	485-5617	2nd Mon. 7 PM	Camelot Community Center	Deep Creek
Campostella Square/Plymouth Park Civic League	Shalon Richardson	2916 Wingfield Ave. Apt. 7	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
Cedar Wood Civic League	Robert Avis	220 Timber Ridge Road	Chesapeake	VA	23322	268-1422	As Needed		Great Bridge
Chesapeake Colony Civic League	Martha Wynne	200 Woodford Drive	Chesapeake	VA	23322	410-0116	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

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Chesapeake Civic League Directory

Chesapeake Estates Civic League	Mary E. Williams	4121 Lakeview Dr.	Chesapeake	VA	23323	434-7117	2nd Mon. 7 P.M.	4121 Lakeview Dr.	Deep Creek
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	Evelyn W. Scott	725 Mullen Road	Chesapeake	VA	23320	436-3251	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
Crestwood Parkside Civic League	Michael Ricks	200 Jones Street	Chesapeake	VA	23320	545-3809			Greenbrier
Cricket Hollow Civic League	Jack Husted	3435 Cricket Hollow Lane	Chesapeake	VA	23321	334-9453			Western Branch
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.	Claudia Foss	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	Pauline Miller	4240 Portsmouth Blvd. Box 458	Chesapeake	VA	23321	484-8610	1st Mon. 7 PM	Aldersgate United Methodist Church	Western Branch
Etheridge Lakes Civic League	Kenneth R. Davis	POB 16785	Chesapeake	VA	23328	773-7954	Quarterly	Etheridge Lakes Park	Great Bridge
Eva Gardens Civic League	Joseph Davis	1404 Anthony Dr.	Chesapeake	VA	23320	545-0229	1st Tue. 7 PM	South Norfolk Community Center	Greenbrier
Fairfield/Parkwood Civic League	Willie Williams	2033 Midway Avenue	Chesapeake	VA	23324	545-1061	3rd Sun. 6 PM	Various locations	South Norfolk

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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 Farms Civic League	Gene Moore	P.O. Box 2542	Chesapeake	VA	23327	547-1516			Greenbrier
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 Civic League	Camilla Teart	2140 Allison Drive	Chesapeake	VA	23325	508-8153	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	485-0063			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.	Lori Anthony	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
Harbor Landing Civic League	Michael Gilman	P.O. Box 3044	Chesapeake	VA	23327	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	Joeann Wright	3816 Schooner Trail	Chesapeake	VA	23321	295-1037	3rd Tue. 6:30 PM	Southwestern Elementary School	Western Branch
Hunningdon Lakes Property Owners Assn.	Arthur Mahoney	1101 Highlands Court	Chesapeake	VA	23327	573-6727	Annually	Greenbrier Church on Volvo	Greenbrier
Hunningdon Woods Civic League	Reagan Davis	1304 Gable Way	Chesapeake	VA	23320	739-5549	Quarterly		Greenbrier

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Chesapeake Civic League Directory

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 Spiegeler	2101 Eaton Way	Chesapeake	VA	23320	420-5287	2nd Tue. 7 PM	Clubhouse	Greenbrier
Joliff Woods Civic League	Ron Dickerson	4240 Portsmouth Blvd., Ste. #179	Chesapeake	VA	23321	405-9609	Quarterly	Faith Baptist Church	Western Branch
Kemp Woods Civic League	Cheryl Tomlin	1332 Sanjo Farms Dr.	Chesapeake	VA	23320	376-2487	2nd Thur. 7 PM	Greenbrier Library	Greenbrier
Las Gaviotas Homeowners Assn.	Donna Schaum	P.O. Box 16436	Chesapeake	VA	23328	547-2886	Annually	Chesapeake Golf Course Club House	Great Bridge
Lilley Cove Homeowners Assn.	Herb Showalter	2848 Lilley Cove	Chesapeake	VA	23321	403-4488			Western Branch
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	3117 Mayapple Court	Chesapeake	VA	23323	487-8169	3rd Wed. 7 PM	Deep Creek Community Center	Deep Creek
Norfolk Highlands Civic League	Adam Arbogast	P.O. Box 13081	Chesapeake	VA	23325	282-5546	1st Thur. 7PM	Laurel Ave. Church of Christ	South Norfolk
North Battlefield Civic League	Michael Sarros		Chesapeake	VA	23320	436-9206		Greenbrier Library	Greenbrier
North Trail Civic League	Brian Summers		Chesapeake	VA	23320	291-0240	3rd Thur. 6:30 PM	Community Clubhouse	Greenbrier
Oak Brooke Meadows Civic League	Maria Mills	500 King Maple Court	Chesapeake	VA	23320	547-3573			Greenbrier
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			Chesapeake	VA	23323		Bi-Monthly 7 PM	Major Hillard Library	Deep Creek

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Chesapeake Civic League Directory

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
Pleasant View Civic League	Michael Scott	P.O. Box 6837	Chesapeake	VA	23323		4th Sun. 6PM		Deep Creek
Point Elizabeth Town homes 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
Providence Civic League	Kathy Stanley	1100 S. Military Highway #20	Chesapeake	VA	23320	737-6213	2nd Thurs. 7 PM	Indian River Community Center	
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								Great Bridge
School House Crossing Civic League	Tom Moore	1612 Prospect Drive	Chesapeake	VA	23322	482-4932			Great Bridge
South Hill Civic League	Marvin Hill	812 Middle Street	Chesapeake	VA	23320	469-3716			South Norfolk
South Norfolk Civic League	Tammi Amick	P.O Box 5508	Chesapeake	VA	23324	839-0383	2nd Mon. 7 PM	South Norfolk Community Center	South Norfolk

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Chesapeake Civic League Directory

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	Cascade BLVD 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
Stillwater Farms Civic League	Alfonso Jones		Chesapeake	VA	23320	237-6830			Greenbrier
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	Overton Nichols	2804 Garrett Street	Chesapeake	VA	23324	545-6432	4th Tue. 7 PM	Greater Mount Zion Baptist	South Norfolk
The Crossings Civic League	Martin Buoncristiani	3209 Bentham Lane	Chesapeake	VA	23321	513-9676	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	Brian Smith	3500 Sun Jack Court	Chesapeake	VA	23321	405-6327	Every other month	AMF Bowling Alley	Western Branch
Westchester Estates Civic League	Paul Pompier	631 Calista Drive	Chesapeake	VA	23320	609-3073	Quarterly		Greenbrier
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
Wickford Civic League	Julie Fetty	1044 Wickford Ct.	Chesapeake	VA	23320	410-7734			Greenbrier

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Chesapeake Civic League Directory

Winds of Silverwood Civic League	Kimberly Jordan	3107 Radcliff Lane	Chesapeake	VA	23321	638-3176			Western Branch
Wynngate, Tallwood & Norcova Civic League	Teresa Stephenson		Chesapeake	VA	23320	436-1781			Greenbrier

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The City of Portsmouth Civic Leagues

REVISED 8/13/2014

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**.

BISHOP'S GREEN CIVIC LEAGUE AND GARDEN CLUB, INC. TERRANCE ALSTON 5933 HAMPSHIRE GREEN 23703 535-3554 terrance.alston@med.navy.mil	2nd Tuesday of the Month as needed or Quarterly 6:00 P.M. CHURCHLAND NEAT OFFICE or CHURCHLAND LIBRARY
BRIARWOOD CIVIC LEAGUE JOE MCSWEENEY 3805 PINE ROAD 23703 399-1967 (HOME)686-7039 (WORK) joseph.mcsweeney@townbank.net	AS NEEDED
BRIGHTON/PRENTIS PARK CIVIC LEAGUE JESSE LEAKE, SR. 1418 ATLANTA AVENUE 23704 617-3184 (CELL) leake5crew@verizon.net	1ST MONDAY OF THE MONTH 7:00 P.M. THE PINES 1801 PORTSMOUTH BOULEVARDPORTSMOUTH, VA 23704

CENTRAL CIVIC FORUM VELMA R. HINNANT 1419 DARREN DRIVE 23701 635-5346 (CELL)	WHEN NEEDED 7:00 P.M. JOHN F. KENNEDY CENTER 12 GRAND STREET PORTSMOUTH, VA 23701
CHARLESTOWN CIVIC LEAGUE VANESSA MACK 1590 DARREN CIRCLE 23701	2ND THURSDAY OF THE MONTH 7:00 P.M. CHARLESTOWN COMMUNITY CENTER
CHURCHLAND CIVIC LEAGUE CECELIA DAWE-GILLIS 3 SAILFISH STREET 23703 483-2685 cdgillis1@cox.net	AS NEEDED 7:00 p.m. Churchland N.E.A.T. Office
CRADOCK CIVIC LEAGUE JEAN BONDY 13 AFTON PARKWAY 23702 397-6809 jean@historiccradock.org www.historiccradock.org	1ST TUESDAY OF THE MONTH (EXCEPT FOR JULY/AUGUST) 7:00 P.M. CRIME PREVENTION CENTER 45 AFTON PARKWAY

EBONY HEIGHTS CIVIC LEAGUE ebonyheights@gmail.com	3RD MONDAY OF THE MONTH (EXCEPT JUNE - AUGUST) 7:00 PM COMMUNITY NEAT OFFICE 3929 TWIN PINES ROAD (NEXT TO BOTTOM DOLLAR)
HATTONSVILLE CIVIC LEAGUE SYLVESTER BROWN 1915 LAIGH CIRCLE 23701 488-2750 (HOME) touchoflove2000@yahoo.com	NO REGULAR MEETINGS MR. BROWN'S HOME
HIDDEN COVE HOMEOWNERS ASSOCIATION MICHELLE FRIESEN 11818 ROCK LANDING DRIVE SUITE 204 NEWPORTNEWS 23606 mhaynes@communitygroup.com	QUARTERLY 6:30 P.M. N.E.A.T. Office 3929 Twin Pines Road Portsmouth, VA 23703
HIGHLAND BILTMORE CIVIC LEAGUE LEON MORTIMER 506 SUMMERS PLACE 23702 393-2388 (HOME) 967-7493 (CELL)	3RD TUESDAY OF THE MONTH 7:00 P.M. BILTMORE BAPTIST CHURCH 3214 ELLIOTT AVENUE PORTSMOUTH, VA

leon@highlandbiltmore.org www.highlandbiltmore.org	23702

HISTORICAL TRUXTUN CIVIC LEAGUE VANESSA CLAYTOR 2511 PORTSMOUTH BOULEVARD 23704 729-7861 vanessaclaytor@cox.net truxtonhomes@aol.com	3RD TUESDAY EVERY MONTH 7:00 P.M. MOUNT CARMEL BAPTIST CHURCH 3310 DEEP CREEK BOULEVARDPORTSMOUTH, VA 23702

HODGES FERRY CIVIC LEAGUE 23701	1ST MONDAY OF EVERY MONTH (UNLESS FALLS ON HOLIDAY) 7:00 P.M. CENTRAL BAPTIST CHURCH TEEN CENTER 1200 HODGES FERRY ROAD PORTSMOUTH, VA 23701

HOSIERS OAKS CIVIC LEAGUE JACQUES GROOMS 3 HERBERT COURT 23703 484-4465 (HOME) info@hosiersoaks.org www.hosiersoaks.org	1ST THURSDAY OF THE MONTH 7:00 P.M. VARIOUS HOMES - PER SIGN

HUNTERS POINT CIVIC LEAGUE SONDRA EISENPRESS	ONCE A MONTH ON A THURSDAY

4634 WEST NORFOLK ROAD 23703 757-483-6468 s.andal53@verizon.net HP-Civicleague@hotmail.com	6:30 P.M. FIRST BAPTIST CHURCH 3603 JORDAN LANEPORTSMOUTH, VA 23703

LAKE SHORES CIVIC LEAGUE MONICA WILLIAMS DEBORAH L. MASSENBURG, 500 BARLOW DRIVE 23707 397-0037 (HOME) 399-4430 (HOME) faith28_98@yahoo.com	4TH TUESDAY OF THE MONTH 7:00 P.M. PORT NORFOLK RECREATION CENTER BROAD STREET PORTSMOUTH, VA 23707

LEE WARD CIVIC LEAGUE/NORTH BRIGHTON PRESTON VAUGHAN 2409 PEACH STREET 23704 572-2580 vaughan.preston@gmail.com	3RD MONDAY OF THE MONTH 6:00 P.M. WESLEY COMMUNITY CENTER 1701 ELM AVENUE

LONG POINT CIVIC LEAGUE SANDRA BARKLEY 3821 FLEET COURT 23703 477-5322 OR 483-0213 Sandra.barkley@pps.k12.va.us www.longpointcivicleague.com	3RD THURS JAN, APR, JULY, OCT 7:30 P.M. ST. MARK'S UNITED METHODIST CHURCH 4320 TWIN PINES ROAD PORTSMOUTH, VA 23703

MADISON WARD CIVIC LEAGUE HOWARD SMITH P. O. BOX 385 23705 757-393-2470	4TH MONDAY EACH MONTH (OCT - MARCH 7:00PM) (APRIL - SEPT 7:30 PM) EFFINGHAM PLAZA 1704 MADISON STREET
MOUNT HERMON CIVIC LEAGUE CHARLES HARRELL 2400 CUTHRELL STREET 23707 393-2979 latha211@cox.net	1ST THURSDAY OF THE MONTH 7:00 P.M. SENIOR CITIZENS VILLAGE 2400 CUTHERELL STREET PORTSMOUTH, VA 23704
NEWPORT CIVIC LEAGUE COLLEEN SMITH 509 WATER LILLY ROAD 23701 685-2502 newportcivicleague@yahoo.com	EVERY 3RD SATURDAY - 10AMEXEC. BRD-2ND MONDAY - 7pm NEWPORT CLUB HOUSE
OLDE TOWNE CIVIC LEAGUE IRV LINDLEY 218 GLASGOW STREET 23704 773-0387 ilind@att.net www.OTCL.org	3RD THURSDAY OF THE MONTH (EXCEPT JULY AND DECEMBER) 7:00 P.M. TRINITY EPISCOPAL CHURCH

OLDE TOWNE SOUTH COMMUNITY LEAGUE R. C. SMITH 13 COLUMBIA COURT 23704 393-2411 / 4031717 rcsmith9@cox.net	3RD TUESDAY OF THE MONTH (EXCEPT JUNE - AUGUST) 7:00 P.M. POLICE TRAINING 330 COUNTY STREET
PARK MANOR CIVIC CLUB BILL WATTS 704 MIMOSA ROAD 23701 488-7589 (HOME) unionreptc@aol.com www.parkmanorcc.com	1ST THURSDAYS (EXCEPT JUNE - AUGUST) 7:00 P.M. PINECREST BAPTIST CHURCH 209 FELTON ROAD PORTSMOUTH, VA 23701
PARKVIEW CIVIC LEAGUE SEAN PRINCE svprince@cox.net www.parkviewcivicleague.org	3RD MONDAY OF THE MONTH 7:00 P.M. ZION BAPTIST CHURCH 225 HATTON STREET
PEACHTREE COMMUNITY ASSOCIATION DELORES WHITLEY P.O. BOX 6296	1ST MONDAY OF THE MONTH 7:30 P.M.

23703 483-4280 peachtreecommunity@yahoo.com	PEACHTREE ACTIVITY CENTER
PORT NORFOLK CIVIC LEAGUE JOHN LIFSEY P.O. BOX 7114 23707 399-2383 president@portnorfolk.org	1ST THURSDAY OF THE MONTH 7:00 P.M. PORT NORFOLK REC CENTER 432 BROAD STREETPORTSMOUTH, VA 23707
PORTSMOUTH ACRES NEIGHBORHOOD WATCH WAYNE WILLIS 4022 GARWOOD AVENUE 23701 488-2452	WHEN NEEDED 7:30 P.M. CHURCH OF GOD OF PROPHECY BEDFORD COURT PORTSMOUTH, VA 23701
PRENTIS PLACE CIVIC LEAGUE RICHARD CLEVELAND 1731 MAPLE AVENUE 23704 399-1009 r737@verizon.net	1ST SATURDAY OF THE MONTH 10:00 A.M. WESLEY COMMUNITY CENTER 1701 ELM AVENUEPORTSMOUTH, VA 23704

RIVER POINT CIVIC LEAGUE FRED BRUNEY 36 LANTERN WAY 23703 483-9088 (HOME) efbruney@yahoo.com	2ND TUESDAYS 7:00 P.M. CLUBHOUSE ON RIVERPOINT DRIVE

RIVER SHORE CIVIC LEAGUE ELDER L. LASH 4647 RIVER SHORE ROAD 23703 484-3894 (HOME) joycejl@verizon.net	AS REQUIRED

SHEA TERRACE CIVIC LEAGUE JOE SCHARL president@sheaterrace.com	Quarterly Meetings (MARCH, JUNE, SEPT., DEC.) 7:00 P.M. THE FLAGSHIP 103 CONSTITUTION AVENUE PORTSMOUTH, VA 23704

SIMONSDALE CIVIC LEAGUE HEATHER HARKLEROAD 912 MARTIN AVENUE 23701 235-0111 heatherharkleroad@gmail.com www.simonsdale.org	1ST MONDAY OF THE MONTH 7:30 P.M. SIMONSDALE CIVIC HALL 5006 VICK STREETPORTSMOUTH, VA 23701

SOUTH FAIRVIEW HEIGHTS CIVIC LEAGUE ROBIN CERDA 422 GLOUCESTER AVE 23702 679-3484	4TH MONDAY OF THE MONTH (EXCEPT DECEMBER) 7:00 P.M. FAIRVIEW HEIGHTS BAPTIST CHURCH 4704 DEEP CREEK BOULEVARDPORTSMOUTH, VA 23702
SWANSON HOMES TENANT COUNCIL DORITA EPPS 4 BUCHANAN AVENUE 23704 399-3237 (HOME)	2ND THURSDAY 6:00 PM 1746 SOUTH STREET
SWIMMING POINT CIVIC LEAGUE PETE KLOEPPEL 501 ELIZABETH PLACE 23704 393-3633 pamkloeppel@cox.net	ANNUAL - FEBRUARY 7:00 PM
TWIN PINES CIVIC LEAGUE REV. NATHAN THOMAS 4116 TWIN PINES ROAD 23703 484-6724 (HOME) wholetruth7@aol.com	NO REGULAR MEETING

UNITED CIVIC LEAGUE OF CAVALIER MANOR AND POLICE COMMUNITY RELATIONS (PCR) RAY SMITH, SR., PRESIDENT AND ALBERT WILLIAMS, CHAIRMAN P.O. BOX 3754 23701 485-5949 (Home) raysmith6@msn.com www.unitedcavaliermanor.org Upgrade to IE9 or Foxfire to view site	2ND MONDAY AND 4TH THURSDAY OF THE MONTH 7:00 P.M. CAVALIER MANOR RECREATION CENTER 404 VIKING STREET PORTSMOUTH, VA 23701

WATERS EDGE CONDO ASSOCIATION LINDA EVANS 4710 RACE STREET 23707	AS NEEDED

WATERVIEW CIVIC LEAGUE TRISH JANTZEN 615 ROCKBRIDGE ROAD 23707 203-910-1440 waterviewcivicleague@gmail.com	FIRST MONDAY OF THE MONTH, EXCEPT FOR JULY/AUGUST 7:0 P.M. WESTHAVEN BAPTIST CHURCH CORNER OF CAROLINE AND KING STREETS

WEST NORFOLK CIVIC LEAGUE JASON CHRISTIAN 3401 VAN BUREN STREET 23703 484-8153 jason.l.christian@hotmail.com	1ST TUESDAY (NO SUMMER MTGS) 6:30 p.m. WEST NORFOLK BAPTIST CHURCH 3701MARINER AVENUEPORTSMOUTH, VA 23703
WEST PARK VIEW COMMUNITY LEAGUE MARY HUNTER HARDISON P.O. BOX 7942 23707 375-3000 MARYHUNTERHARDISON@GMAIL.COM www.westparkview.com	2ND MONDAY OF THE MONTH 7:00 P.M. FIRST HOME HEALTH CARE LONDON BOULEVARD CORNER OF WILLIAMSBURG AND NORTH STREETS
WESTBURY CIVIC LEAGUE PAMELA WILKINS 805 ELM AVENUE 23704 737-3407 WESTBURYCIVICLEAGUE@AOL.COM	3RD TUESDAY OF EACH MONTH, (EXCEPT JUNE-AUGUST) 7:00 P.M. 900 ELM AVENUE
WESTMORELAND CIVIC LEAGUE JUDITH WALKER 3309 CLOVER HILL DRIVE 23703 483-0265 jwalker491@verizon.net	EVERY OTHER MONTH ON 3RD MONDAY 7:00 P.M. GREEN ACRES PRESBYTERIAN CHURCH

WESTWOOD NEIGHBORHOOD WATCH LEROY COLEMAN 4729 CLINTWOOD DRIVE 23703 483-9705 ROSS PIERCE (SECRETARY) lcoleman757@cox.net	3RD SUNDAY OF EACH MONTH 4:00 P.M. 4406 WEST NORFOLK ROAD SHERIFF COMMUNITY SERVICE UNIT OFFICE
WILLOW BREEZE COMMUNITY LEAGUE JOAN L. WHEELER 1 WITCH HAZEL COURT 23703 686-8137 (HOME) www.willowbreeze.org	AS NEEDED
WILSON WARD/GOSPORT CIVIC LEAGUE ELVIRA H. JOHNSON 3313 ARMISTEAD DRIVE 23704 397-4750 symphony.one@verizon.net otall@cox.net	1ST TUESDAY OF THE MONTH 7:00 P.M. JOHN F. KENNEDY CENTER 12 GRAND STREETPORTSMOUTH, VA 23704
WISE BEACH CIVIC LEAGUE STEVE CARROLL 3112 RIVEREDGE DRIVE 23703 484-5301 navygray@cox.net	SECOND MONDAY OF EACH MONTH (OCTOBER-JUNE) 7:00 P.M. CENTENARY UNITED METHODIST CHURCH 3312 CEDAR LANE PORTSMOUTH, VA 23703