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SF Environment

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 EDWIN LEE
 Mayor

 MELANIE NUTTER
 Executive Director

November 28, 2011

 Mr. Don West
 Environmental Management Support, Inc.
 8601 Georgia Avenue, Suite 500
 Silver Spring, MD 20910

 Re: City and County of San Francisco, Department of the Environment
 Brownfields Community-Wide Site Assessment Grant Application for Blue Greenway project

Dear Mr. West:

The City and County of San Francisco, Department of the Environment (SF Environment) is pleased to submit this application for a Brownfields community-wide assessment grant, requesting \$400,000 to conduct Phase I assessments of 8 to 10 brownfield sites potentially contaminated with hazardous substances and/or petroleum and to conduct Phase II assessments of 4 brownfield sites. The sites targeted for assessment are properties that can be transformed into green open spaces and parklands, for integration with a waterfront project called the Blue Greenway. The Blue Greenway project provides and connects waterfront open spaces along San Francisco's eastern shoreline and will improve the health and environment in an underserved neighborhood of Bayview Hunters Point, San Francisco.

- a. Applicant: City and County of San Francisco
 Department of the Environment
 11 Grove Street
 San Francisco, CA 94102
- b. DUNS No: 070384255
- c. Funding Request: \$400,000 for Community-wide Assessment Grant, to evaluate sites potentially contaminated with hazardous substances (\$200,000) and/or petroleum (\$200,000)
- d. Location: Bayview Hunters Point community, in southeast area of San Francisco, California
- e. Site information: To Be Determined; an inventory site list will be submitted to EPA for approval. Locations of brownfield sites will be within or adjacent to the Blue Greenway, an open space corridor located along the eastern waterfront of San Francisco, CA.

Department of the Environment, City and County of San Francisco
 11 Grove Street, San Francisco, CA 94102
 Telephone: (415) 355-3700 • Fax: (415) 554-6393
 Email: environment@sfgov.org • www.sfenvironment.com

f. Contact for Project: Ms. Anne Eng
Environmental Justice Program Manager
San Francisco Department of the Environment
11 Grove Street, San Francisco, CA 94102
(415) 355-3735; cell (415) 218-1532
anne.eng@sfgov.org

Contact for Mayor: Office of the Mayor Edwin M. Lee
Johanna Gregory Partin
Director of Climate Protection Initiatives
Phone: (415) 554-6640
Email: johanna.partin@sfgov.org

g. Date of Submission: November 28, 2011

h. Project period: 3 years, from October 1, 2012 to September 30, 2015

i. Population: Total # of residents in San Francisco: 805,235
Total # of residents in target area of Bayview-Hunters Point: 34,000

Thank you for your consideration.

Very truly yours,



Melaine Nutter

cc: Ms. Laurie Amaro
U.S. Environmental Protection Agency
75 Hawthorne Street, SFD 9-1
San Francisco, CA 94105

INTRODUCTION

The Department of the Environment of the City and County of San Francisco (SF Environment) is pleased to submit this application for \$400,000 to perform a community-wide brownfields assessment in San Francisco's southeast neighborhood of Bayview Hunters Point. SF Environment will conduct Phase I and Phase II assessments for 8 to 10 sites, with \$200,000 allocated to conducting assessments of sites potentially contaminated with hazardous substances; and \$200,000 allocated to assessments of sites potentially contaminated with petroleum.

SF Environment's proposed brownfields assessments will support development of the Blue Greenway, a waterfront open space corridor that extends the region's Bay Trail along the San Francisco's eastern shoreline and southward into the historically underserved neighborhood of Bayview-Hunters Point. This area has been burdened with health disparities, high rates of unemployment and poverty, substandard housing and blight conditions. Bayview Hunters Point is disproportionately burdened by environmental pollution from the concentration of industrial facilities, contaminated sites, and mobile sources traveling on nearby freeways.

1. Community Need

The Bayview Hunters Point (BVHP) community is located in the Southeast area of San Francisco, with approximately 34,000 residents, or 4% of the City's population. It is a racially diverse neighborhood that has been burdened with health disparities, poverty, economic blight and environmental pollution.

Environmental Conditions

Historically, polluting industries were concentrated in the BVHP neighborhood and left a legacy of contaminated sites and physical blight. During WWII, the U.S. Naval Shipyard at Hunters Point attracted workers, many of whom were African Americans who migrated from the South. During the U.S. Navy's 35-year operation of the Hunters Point Shipyard, hazardous substances and radioactive wastes were released into the environment. The Shipyard was placed on the National Priorities List as a "Superfund" site in 1989.¹ Currently, the Shipyard is subdivided into parcels and the U.S. Navy is leading site investigations and remediation with EPA oversight.² As each parcel of the Shipyard is remediated, the Navy is transferring the Shipyard in stages to the City of San Francisco for a 700-acre mixed-use redevelopment project.³

Besides the Hunters Point Shipyard "Superfund" site, several brownfield sites are located in BVHP.⁴ Based on information from the California Environmental Protection Agency Geotracker and Envirostor databases, there are more than 850 recorded hazardous materials and petroleum release sites, with approximately 180 open cases and 82 sites where the status is unknown. Following are examples of contaminated sites in the BVHP area:

¹ <http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/vwsoalphanumeric/Hunters+Point+Naval+Shipyard!OpenDocument>

² <http://www.bracpmo.navy.mil/basepage.aspx?baseid=45&state=California&name=hps>

³ <http://www.hunterspointcommunity.com/>; http://www.oewd.org/Development/Projects-Candlestick_Park-Hunters_Point_Shipyard.aspx

⁴ Greenaction, "A Toxic Inventory of Bayview Hunters Point, San Francisco" (2004), describing pollution sources in BVHP. See <http://greenaction.org/hunterspoint/documents/TheStateoftheEnvironment090204Final.pdf>

Pacific Gas & Electric Co. Hunters Point Power Plant site, 1000 Evans Avenue

Since the early 1900s, this 38-acre site was used for ship building and power generation. Several aboveground fuel storage tanks which stored heavy fuel oils have been removed and soils are being remediated. PG&E closed the Hunters Point Power Plant in 2006 and dismantled the facility. The soil and/or groundwater at the site are contaminated with total petroleum hydrocarbons, polycyclic aromatic hydrocarbons, metals, polychlorinated biphenyls and asbestos, and undergoing cleanup with California Department of Toxic Substances Control (DTSC) oversight.

Donco Industries, 894 Innes Avenue.

DTSC has identified this storage and junkyard site for corrective action.

Bayview Plume Study Area, Shafter Avenue and Hawes Street

The site originally consisted of groundwater previously monitored by a single monitoring well (now abandoned) containing tetrachloroethylene. Groundwater contamination was detected at approximately 54 to 65 feet below ground surface during the investigation at an adjacent site; however, DTSC determined that this site is a source of contamination. The study area has been expanded to cover 10 acres.

1228 Underwood Avenue.

The 0.23 acre property has been undeveloped since 2005. Review of aerial photographs dating back to 1949 show the subject property utilized as an auto junkyard, undeveloped land and dormitories. There is contamination from arsenic and nickel.

The BVHP neighborhood is also impacted by air pollution generated by thousands of vehicles traveling daily on two freeways that border the community, US Highway 101 and Interstate 280. More than 5,000 heavy-duty diesel trucks travel daily on these two freeways and approximately 1,000 diesel trucks travel daily on BVHP's local roadways.

The concentration of industrial activities, pollution sources and brownfield sites, combined with the social determinants of health such as poverty, are causing a cumulative, disproportionate impact on BVHP residents, who suffer from higher rates of diseases. Living in a harsh, blighting environment is undermining their quality of life and physical health. The neighborhood has limited public spaces where community residents can feel safe and socialize with their neighbors. BVHP has also been a food "desert" with very few stores providing fresh produce. Research has conclusively shown that neighborhoods with limited access to fresh food and recreational amenities have higher rates of premature death and hospitalizations for chronic diseases.

Health and Welfare

Residents in BVHP suffer from higher rates of several diseases in comparison to San Francisco as a whole. BVHP's adult hospitalization rate for diabetes is three times higher, congestive heart

failure is almost two times higher, asthma is two times higher, and bacterial pneumonia is almost 50% higher, when compared to San Francisco citywide rates.⁵

Adult Hospitalization Rates (per 10,000)	Bayview Hunters Point	San Francisco
Diabetes	38.1	13
Congestive Heart Failure	57.5	30.9
Asthma	16.3	7.8
Bacterial Pneumonia	47.7	32.7

BVHP has a higher prevalence of asthma relative to the country and higher hospitalization rates for asthma than other neighborhoods in San Francisco. SF Environment conducted a survey in 2007-08 at a BVHP public housing site, Alice Griffith Development, and found that 25% of the residents reported they had asthma. A similar asthma rate of 25% was also reported at a local elementary school located in BVHP.⁶ While overall asthma hospitalization rates in BVHP have dropped since 1994-96, the prevalence of asthma in BVHP is still far above those for the rest of San Francisco, and those for California as a whole.

The infant mortality rate is one more striking statistic revealing health disparity. BVHP accounts for 4% of San Francisco's population, but it has 15% of its infant deaths. Babies in BVHP are twice as likely to have low-birth rates, and are 2-1/2 times more likely to die in their first year than those in other areas of the City.⁷ The average life expectancy of male residents in BVHP is 14 years less than those living in San Francisco's more affluent areas (64 years versus 78 years).⁸ The homicide rate in BVHP is four times the citywide average.⁹ Sadly, the leading cause of death for males in BVHP is violence; in contrast, ischemic heart failure is the leading cause of death for men and women citywide, and for women in BVHP.¹⁰

BVHP's African American and Latino residents have higher rates of overweight and obesity that can contribute to poor health outcomes. Factors such as limited physical exercise, poor eating habits and food insecurity are leading to higher obesity rates among San Francisco's poor and minority groups.¹¹ This is true especially in BVHP, where access to nutritious food is limited and there are few safe outdoor areas for recreational activities.

By converting brownfield sites into accessible park spaces and greenways, local residents will be able to connect to the City's waterfront and enjoy biking, hiking and recreational activities. The

⁵ SF Department of Public Health (DPH) BVHP Community Health Status data (Oct. 2011), based on California Office of Statewide Health Planning and Development data, 2006-2008.

⁶ Bret Harte Elementary School principal, Michael Bachicha, reported a 25% asthma rate among his school's students (Nov. 3, 2011).

⁷ San Francisco Chronicle analysis of 10 years of state data (San Francisco Chronicle 10/3/04)

⁸ Bay Area Racial Health Inequities Report, prepared by Bob Prentice, <http://barhii.org/resources/index.html>, page 3.

⁹ DPH, *supra*, based on SF Police Department data, homicide rates for 2005-2007, at 1.4 per 1,000 in BVHP, compared with 0.3 per 1,000 citywide.

¹⁰ *Id.*

¹¹ DPH Shape Up San Francisco, Obesity Fact Sheet (2008), showing percentage of African-Americans in San Francisco had a BMI of 30.0 or higher was almost 3x higher, at 34.2%, and the percentage of Latinos/Hispanic with BMI of 30.0 or higher was almost 2x higher, at 27.0% compared to 14.8% citywide.

Blue Greenway corridor will provide new opportunities for BVHP residents to engage in physical exercise, which will help reduce obesity and chronic health problems.

Demographic Data for Bayview Hunters Point Community, in comparison with San Francisco, California and National Data¹²

	Bayview-Hunters Point ¹³	County & City of San Francisco	State of California	National
Population	33,989	805,235	37,253,956	308,745,538
Whites	12%	48.5%	57.6%	72.4%
African-Americans	31.4%	6.1%	6.2%	12.6%
Asians	34.7%	33%	13%	4.8%
Hispanic/Latinos	24.3	15.1%	16.3%	16.3%
Unemployment ¹⁴	14.2% ¹⁵	8.1	11.2	8.5%
Poverty Rate	40% ¹⁶	11.7%	14.2%	14.3%
Percent Minority	88%	58.1%	59.9%	26.7%
Median Household Income	\$46,322	\$73,528	\$65,481	\$61,544 ¹⁷

Financial Need

BVHP is a diverse, multicultural lower-income neighborhood that has been burdened by decades of high unemployment and a concentration of extreme poverty. Of the 34,000 residents living in BVHP, 88% are racial minorities, including 31.4% African American, 34.7% Asians/Pacific Islander, 24.3% Latino or Hispanic origin and 12% Caucasian.¹⁸

African Americans were a majority of BVHP's residents for decades with over 65% of the population in 1990, but a demographic change is occurring in the neighborhood. Asian, Pacific Islander and Latino families are moving into BVHP in increasing numbers, and African American families have moved out of San Francisco due to limited employment opportunities and the City's relatively high cost of living. Notwithstanding the change in racial/ethnic

¹² 2010 Census data, from U.S. Census Bureau, www.census.gov, unless otherwise noted.

¹³ DPH's BVHP Community Health Status data, *supra*.

¹⁴ State of California, Employment Development Department, Labor Market Info for October 2011, Unemployment Rates for San Francisco, CA, issued Nov. 18, 2011, at <http://www.calmis.ca.gov/file/1fmonth/sanfspds.pdf>

¹⁵ DPH reported BVHP's unemployment rate was 14.2% based on American Community Survey's data, five-year estimate (2005-2009). See also <http://www.bls.gov/news.release/empsit.nr0.htm>

¹⁶ Elizabeth Kneebone, "The Re-emergence of Concentrated Poverty", Brookings Institute (Nov. 2011), available at http://www.brookings.edu/~media/Files/rc/papers/2011/1103_poverty_kneebone_nadeau_berube/1103_poverty_kneebone_nadeau_berube.pdf

¹⁷ Income, Poverty and Health Insurance in the United States, U.S. Census Bureau (Sept. 2011), for 2010, page 5.

¹⁸ DPH, *supra*, based on 2010 Census data.

composition, BVHP community continues to have the highest concentration of African-Americans in San Francisco (31.4% compared with 6.1% citywide).

BVHP remains one of the poorest districts in San Francisco and Bay region. Median household incomes are significantly lower at \$46,322 compared to \$73,528 citywide, and BVHP's unemployment rate of 14.2% is higher in comparison to San Francisco's average unemployment rate of 8.1%.¹⁹ BVHP has one of the lowest levels of educational attainment in San Francisco, with 29.6% of residents having no high-school diploma compared to 14.4% citywide,²⁰ and the Mayor's Office of Community Development (2005) reported that only 11.6% of BVHP residents have a Bachelors Degree, compared to 45% citywide.

According to a recent Brookings Institute study, BVHP is one of five districts in the Bay Area that have a concentration of "extreme poverty," with at least 40% of the residents living below the federal poverty level of \$22,300 for a family of four.²¹

Limitations on other sources of funding for brownfields assessments

San Francisco continues to face annual budget deficits that have resulted in drastic budget cuts and layoffs. SF Environment is a municipal agency, but does not receive general fund revenues from the City. SF Environment does not have any brownfield grant funds to perform the detailed site assessments to address gaps of the Blue Greenway project in the BVHP community. A non-profit organization, San Francisco Parks Alliance (SFPA, formerly Neighborhood Parks Council), received a brownfield area-wide pilot planning grant from EPA last year to conduct preliminary screening of 5 to 10 brownfield sites in BVHP and its surrounding neighborhoods; however, SFPA's brownfield grant funding cannot be used towards the Phase I and Phase II site assessments needed to address "gaps" in the Blue Greenway project.

SF Environment has an annual budget of approximately \$14 million which support various programs and services, including zero waste, toxics reduction, climate change, energy efficiency, clean air transportation, urban forestry and environmental justice. SF Environment's revenues are obtained primarily from government grants and contracts and dedicated for special purposes, and these funds cannot be reallocated to fund the proposed site assessments in BVHP.

The Port of San Francisco (Port) is leading an inter-agency effort to develop the Blue Greenway and has developed planning and design guidelines for the project.²² It has secured \$25 million in funding²³ for several waterfront open space projects within the Blue Greenway alignment, but this funding is restricted for use on Port waterfront lands and is not available to perform Phase I and Phase II site assessments on non-Port properties outside of its jurisdictional authority. EPA's support is necessary to address potentially contaminated sites that are non-Port properties – either privately-owned brownfields or public right-of-ways outside of the Port's authority. These are sites located within or adjacent to the Blue Greenway, or on arterial streets that can serve as greenway connectors to the waterfront.

¹⁹ *Id.*, based on data provided by Applied Geographic Solutions (2007).

²⁰ *Id.*

²¹ Elizabeth Kneebone, *supra*.

²² Port of San Francisco, Blue Greenway documents available at <http://www.sf-port.org/index.aspx?page=1433>

²³ Prop A, the Clean and Safe Neighborhood Parks Bond was passed by 71.6% of voters on 2/5/08.

2. Project Description and Feasibility of Success

SF Environment's brownfield site assessments will help develop an uninterrupted waterfront corridor along San Francisco's southeastern shoreline for the Blue Greenway project, and extend the Bay Trail.²⁴ To date, the Port has developed planning and design guidelines for the Blue Greenway.²⁵ With earlier brownfields grant funding from EPA, a non-profit organization, called San Francisco Parks Alliance (SFPA, and formerly known as Neighborhood Parks Council) has been identifying, prioritizing, and preparing schematic design for 5-10 brownfield sites in BVHP that can be targeted for the Blue Greenway project. Additionally, the Center for Creative Land Recycling (CCLR) obtained a grant from the U.S. Department of Housing and Urban Development to provide technical assistance to southeastern neighborhoods of San Francisco. CCLR's and SFPA's services on the Blue Greenway project, and the Port's commitment of \$25 million, will leverage EPA's brownfields grant funding awarded to SF Environment. Under this grant, the stakeholders continue to identify candidate sites, both public and private, for potential sites, and outreach to property owners. This process is expected to continue until mid-2012.

a. Project Description

SF Environment assessments will build upon current efforts by the Port, SFPA and the Blue Greenway steering committee to engage the public. There is momentum for this project that has been created through dozens of community meetings and workshops. SFPA's initial screenings of brownfield sites for the Blue Greenway, combined with the active engagement of the Blue Greenway steering committee, will serve as the foundational basis for moving forward to identify candidate sites for the Phase I and Phase II site assessments. SF Environment will perform the following tasks for this project.

Task 1: Procure technical expertise and engage a non-profit group for public outreach

SF Environment will begin the project by obtaining all necessary City approvals and working with stakeholders to establish project tracking and communication tools. SF Environment will conduct two competitive procurement processes, one to contract with a technical environmental consulting firm that has extensive experience in conducting Phase I and Phase II site assessments in accordance with ASTM protocols, and a second competitive procurement process to engage a non-profit organization to conduct public outreach and facilitate involvement of the Blue Greenway stakeholders. Task 1 Cost: \$10,240

SF Environment's personnel costs to prepare RFPs, evaluate bids, prepare and obtain City approval of contracts for consultants, review contractors' workplans and budget.
 $160 \text{ hours} \times \$50/\text{hour} = \$8,000 + \text{fringe } 28\% (\$2,240) = \$10,240$

Task 2: Identify and Prioritize Brownfield Sites for Inventory List

SF Environment will prepare an inventory list of candidate brownfield sites for Phase I assessments. SF Environment will identify brownfield sites based on the following criteria:

²⁴ SF Bay Trail description is available at <http://baytrail.abag.ca.gov/>. The Bay Trail is a regional 500-mile trail encircling San Francisco Bay.

²⁵ See Blue Greenway planning and design guidelines at <http://sf-port.org/index.aspx?page=1433>

- Strategic location within or adjacent to the Blue Greenway waterfront alignment
- Proximity to sensitive receptors (daycares, schools, senior centers)
- Known history of industrial activities that may have resulted in hazardous substances and/or petroleum contamination
- Strength of partnerships and involvement of local residents living near the site

SF Environment will compile the necessary site information to ensure liability protection for the City as a prospective purchaser, and work with land conservation organizations to encourage their participation in the Blue Greenway project and serve as prospective purchasers for conducting Phase I assessments and all appropriate inquiries. SF Environment will seek EPA's approval of site eligibility prior to using any brownfields grant funds for Phase I or Phase II site assessments. This task will be completed within the first 6 months of the 3-year grant term.

Task 2 Cost: \$36,240

SF Environment's personnel costs to prepare inventory list of targeted sites

$100 \times \$50/\text{hour} = \$5,000$ plus fringe @ 28% (\$1,400) = \$6,400

Department of Public Health personnel costs for oversight \$6,000

Community outreach consultant services:

$120 \text{ hours} \times \$50/\text{hour} = \$6,000$ plus fringe @ 28% (\$1,680) = \$7,680

Technical Environmental consultant fees:

$40 \text{ hours} \times \$200/\text{hour} = \$8,000$ for sites with hazardous substances;

$40 \text{ hours} \times \$200/\text{hour} = \$8,000$ for sites with potential petroleum contamination

Supplies (photocopying): \$160

Task 3: Conduct Phase I site assessments for 8 to 10 sites

During the initial 6 to 18 months of the 3-year grant, SF Environment will conduct Phase I site assessments of 8 to 10 brownfield sites. SF Environment will target 4 to 5 sites potentially contaminated with hazardous substances; and target 4 to 5 sites potentially contaminated with petroleum. For sites that have comingled contamination, costs will be apportioned between funding dedicated to hazardous substance sites and funding dedicated to petroleum sites.

Task 3 Cost = \$155,360

SF Environment's personnel costs to obtain site access, review Phase I site assessment plans and reports, and work with DPH staff to perform oversight

$120 \text{ hours} \times \$50/\text{hour} = \$6,000$ plus fringe @ 28% (\$1,680) = \$7,680

Community outreach consultant services:

$120 \text{ hours} \times \$50/\text{hour} = \$6,000$ plus fringe @ 28% (\$1,680) = \$7,680

Technical environmental consultant fees:

Up to 5 sites hazardous substances $\times 70 \text{ hours/site} \times \$200/\text{hour} = \$70,000$

Up to 5 sites petroleum $\times 70 \text{ hours/site} \times \$200/\text{hour} = \$70,000$

Task 4 (a): Conduct Phase II site assessments for 4 sites

During 18 to 30 months after the start of the grant, and upon completion of Phase I assessments, SF Environment will secure site access, conduct Phase II investigations, and, if appropriate, Analysis of Brownfield Cleanup Alternatives. Depending on the size of the targeted properties

and the field sampling and laboratory analysis costs, SF Environment is proposing to conduct Phase II site assessments targeting four properties. SF Environment will review sampling plans and submit the technical consultant's Quality Assurance Project Plan for EPA's approval. The field work and laboratory analysis of samples collected for Phase II assessments will be completed within 30 months after the start of the grant. Task 4(a) Cost = \$167,360

SF Environment's and DPH's staffing costs to review sampling plans; QA/QC plans

$120 \times \$50 = \$6,000$ plus fringe @ 28% (\$1,680) = \$7,680

Community outreach consultant services:

$120 \text{ hours} \times \$50/\text{hour} = \$6,000$ plus fringe @ 28% (\$1,680) = \$7,680

Technical environmental consultant fees, to prepare QA/QC protocols & sampling plans:

2 sites hazardous substances $\times 40 \text{ hours/site} \times \$200/\text{hour} = \$16,000$

2 sites petroleum $\times 40 \text{ hours/site} \times \$200/\text{hour} = \$16,000$

Field costs and laboratory costs for soil and groundwater sampling

$\$30,000 \text{ per site} \times 4 \text{ sites} = \$120,000$

Task 4 (b): Prepare final site assessment reports for EPA and Blue Greenway stakeholders

Upon completion of field work and obtaining data from sampling, the technical consultant will prepare a draft site assessment report covering all of the Phase II targeted sites. SF Environment will review the draft report, and work with the consultant team to prepare a final report for submission to EPA, Blue Greenway steering committee and policymakers. The site assessment report will help inform stakeholders about proposed cleanup actions that can be undertaken for effective remediation of targeted sites for reuse as open spaces for the Blue Greenway project.

Task 4 (b) Cost = \$30,800.

SF Environment's and DPH's staffing costs to review draft and final Phase II site assessment reports:

$80 \text{ hours} \times \$50/\text{hour} = \$4,000$ plus fringe @ 28% (\$1,120) = \$5,120

Community outreach consultant services:

$120 \text{ hours} \times \$50/\text{hour} = \$6,000$ plus fringe @ 28% (\$1,680) = \$7,680

Technical environmental consultant fees, preparing QA/QC protocols & sampling plan:

$90 \text{ hours/site} \times \$200/\text{hour} = \$18,000$

b. **Budget for EPA Funding, Tracking and Measuring Progress, and Leveraging Other Resources**

i) **Budget**

Budget Categories	Project Tasks										Total	Total
	Hazardous Materials					Petroleum Contamination						
	Start-up	Prepare Inventory	Phase I	Phase II	Haz Mat Subtotal	Start-up	Prepare Inventory	Phase I	Phase II	Petroleum Subtotal		
Personnel	4000	2500	3000	5000	14500	4000	2500	3000	5000	14500	29000	
Fringe Benefits	1120	700	840	1400	4060	1120	700	840	1400	4060	8120	
SF DPH oversight		3000			3000		3000			3000	6000	
Supplies		80			80		80			80	160	
Contractual		11840	73840	92680	183800		11840	73840	92680	183800	367600	
Subtotals by Tasks	5120	18120	77680	99080	200000	5120	18120	77680	99080	200000	400000	

ii) **Tracking and Measuring Progress**

SF Environment's work products will build upon the planning efforts being conducted by the Port and the Blue Greenway stakeholders. SF Environment's anticipated outputs will be:

- a. Number of Blue Greenway Steering Committee meetings
- b. Number of Blue Greenway Interagency and subcontractors meetings
- c. Public meeting announcements and information, translated into Spanish and Chinese
- d. Participation of community stakeholders
- e. Outreach to property owners and land conservation organizations as prospective purchasers
- f. An inventory list of 8 to 10 brownfield sites, with 4 to 5 sites targeted for Phase I assessments involving hazardous substances and 4 to 5 sites targeted for Phase I assessments involving petroleum
- g. Identification of 3 to 5 priority sites for Phase II site assessment
- h. Number of Phase I assessments
- i. Number of Phase II assessments
- j. Preparation and distribution of draft and final report on brownfield site assessments

SF Environment will conduct a robust facilitated community engagement process, to be performed primarily by SF Environment project staff with support from a non-profit organization (contractor). This public engagement process will include facilitation of public meetings of the Blue Greenway steering committee and conducting a series of community meetings and workshops in BVHP to strengthen partnerships and solicit input from the public.

SF Environment will measure success by completion of 8 to 10 Phase I site assessments, and 4 Phase II site assessments, that will provide detailed information about the sites' potential

contamination with hazardous substances and/or petroleum. Final site assessment reports will be distributed to City agencies and prospective purchasers, and serve as the basis for preparation of draft remedial action plans for voluntary cleanup of the brownfield sites, subject to approval and oversight by state and regional government regulators (DTSC, RWQCB). SF Environment will also measure success by the level of commitment and involvement of the Blue Greenway stakeholders and BVHP community residents. Progress of work on individual sites will be reported on the ACRES database system.

iii) Leveraging of Resources

SF Environment will work closely with the Port of San Francisco and other City agencies, such as the San Francisco Department of Public Works (DPW) and Redevelopment Agency, to coordinate the development of the waterfront lands along the Blue Greenway corridor.

As noted, the Port of San Francisco is leading an inter-agency planning process and developed the Blue Greenway Planning and Design guidelines, a tool that will be used to implement the Blue Greenway project. The Blue Greenway is the City's project to complete the Association of Bay Area Governments Bay Trail and Bay Area Water Trail in Southeast San Francisco from Mission Creek to Candlestick State Park.²⁶ To date, the Port has secured approximately \$25 million dollars in park bond funds to create and improve Port waterfront open spaces, linkages between them and associated amenities including site furnishings, art and interpretation. The Port will continue interagency coordination to complete the Blue Greenway project.

SF Environment will also leverage the commitment and involvement of the Blue Greenway stakeholders, many of whom have been involved with this project for several years. The Blue Greenway Steering Committee holds public meetings on a regular basis, and these meetings will be used to engage residents and agencies in discussions to identify priorities and targeted sites.

Other possible sources of funds include the Department of Toxic Substances Control's RLF, of which the City of San Francisco is a coalition member, the State Water Resources Control Board's Underground Storage Tank (UST) program and Orphan Site Cleanup Fund (OCSF). For site specific site assessment and cleanup requirements, SF Environment will consider applying for subsequent EPA ARC grants.

c. Programmatic Capability and Past Performance

Performance of the brownfields assessment grant will be ensured through SF Environment's project team and financial management team. Additionally, SF Environment will coordinate and consult with project managers who are employed by the Port of San Francisco and Department of Public Works.

1) Programmatic Capability

Anne Eng, Environmental Justice program manager, will lead SF Environment's project team for the brownfields community-wide site assessments. Ms. Eng has more than 20 years experience in the environmental field, and managed more than \$14 million in City grants and contracts since

²⁶ See www.sfport.com/bluegreenway

she joined SF Environment in 2003. Ms. Eng is experienced with the City's competitive procurement system, and will solicit bids and proposals to contract with a professional technical consultant to perform the Phase I and Phase II environmental site assessments in accordance with ASTM standards, and to contract with a non-profit organization to provide community outreach services and facilitate a public participation process. Ms. Eng will review all subcontractors workplans and monitor their performance and deliverables, and will be responsible for programmatic and financial reporting.

SF Environment's financial director, Joseph Salem, manages the Department's accounting team, and will provide assistance regarding financial tracking of the EPA award through the City's accounting system. SF Environment receives approximately \$14 million in revenues annually from various federal, state and local funding sources, and has a successful history of completing grants and achieving project objectives (see list of federal awards, below).

As a City department, SF Environment has stringent monitoring, evaluation and reporting requirements. All SF Environment's programs and expenditures are subject to an audit by the City Controller and the City's financial system is subject to an independent audit annually. Thus, extensive and comprehensive program and financial records are maintained, and SF Environment staff are all trained to adhere to a stringent evaluation and reporting processes.

SF Environment's staff assigned to this project are fully committed to performing and completing the brownfields community wide assessments funded by EPA. However, in the unlikely event that there is staff turnover, SF Environment will be able to assign experienced project managers to fill any vacancies of the project team. SF Environment employs more than 100 staff, the majority of whom are college-educated, environmental professionals with extensive project management skills and expertise.

Throughout the term of the grant, SF Environment staff will coordinate the brownfield site assessment activities with other City departments including the Port and Department of Public Works (DPW). They are committed to working on the Blue Greenway project and will support SF Environment's efforts to complete this project, including identifying candidate properties for site assessments. Following is a description of SF Environment's staff qualifications, as well as qualifications of two key program managers representing the Port and DPW on this project.

Project Team Qualifications

SF Environment has assembled a qualified team for conducting the brownfield site assessments. While no staff personnel turnover is expected, the individual departments are committed to the Blue Greenway and have measures in place to assign experienced professionals to the team. In addition, SF Environment has a strict procurement system which conforms to EPA requirements in obtaining any services that cannot be provided through staff. The team includes:

Anne Eng will serve as the project manager of the Brownfield community-wide assessment grant awarded by EPA to San Francisco Department of the Environment. Since 2003, she has worked as the Department's Environmental Justice Program Manager. She has developed and managed environmental justice projects to address air pollution, health disparities, and energy

concerns in the Bayview Hunters Point community. Prior to joining SF Environment, Ms. Eng worked for seven years as an Associate Professor and supervising staff attorney with the Environmental Law and Justice Clinic of Golden Gate University School of Law, where she taught seminar classes in environmental justice and supervised law students in a clinical program. Ms. Eng is a graduate from Rutgers University in New Brunswick, New Jersey, with a bachelor's degree in social work, and earned her J.D. degree at Columbia University School of Law in New York City.

Sraddha Mehta is the project director of SF Environment's San Francisco Healthy Homes project. She has more than 10 years experience in initiating, implementing, monitoring, and evaluating Environmental Justice (EJ) projects serving low-income communities in San Francisco. Ms. Mehta has developed strong partnerships with community-based organizations and works collaboratively with local residents, businesses, City departments, and other government agencies to provide technical assistance and garner support for EJ projects. She oversees the EJ grant program and manages grant contracts. She holds a BA in Environmental Science with a minor in South Asian Studies from the UC, Berkeley.

William Zeller is the Manager of SF Environment's Clean Vehicle Programs. He is responsible for the development of programs designed to reduce the use of petroleum and green house gas emissions from the city's fleet. He has a long background in project management and worked for PG&E for 28 years managing clean air transportation, energy conservation and distributed generation programs. Mr. Zeller will provide assistance with review of technical reports.

Other city staff dedicating time to the Blue Greenway project include:

David Beaupre, Senior Waterfront Planner Port of San Francisco, has more than 20 years experience in project management, planning, and urban design. He is been responsible for complex and difficult waterfront and community planning projects, particularly in the Southern Waterfront. He leads the City's Blue Greenway project and managed the planning and development of the Port's Pier 70 Preferred Master Plan and planning for the Port's southern waterfront eco-industrial park and maritime cargo facilities. He holds a BS/Landscape Architecture University of Massachusetts-Amherst.

William Bulkley is a registered landscape architect in the state of California and has been with the DPW for ten years. He has worked on the Blue Greenway project in various aspects since the 2005 inception of Mayor Gavin Newsom's Blue Greenway Task Force. Mr. Bulkley has over thirteen years of professional experience and received a dual Masters Degree from UC Berkeley in Landscape Architecture and in City and Regional Planning with an emphasis in Urban Design. His 2000 master's thesis was on the use of plants to treat brownfields in San Francisco entitled *Restorative Urban Design: A Conceptual Phytoremediation Plan for Pier 70, San Francisco*.

ii & iii) Audits and Past Performance

SF Environment has not received any adverse audits. While it has never received a Brownfields grant from EPA, SF Environment has been awarded many Federal and State cooperative funding agreements of similar size and scope to this request. It has ample experience in managing governmental grants from diverse sources. Every project has maintained accurate documentation

and timely reporting in compliance with each particular assistance agreement. Current and prior federally funded grants and assistance agreements include:

CDC-REACH Core \$500,000 2010-current	EJ Program of SF Environment received a 2-year planning grant for the SF Healthy Homes project from the CDC, to address health disparities in the BVHP community. This project involves developing a strategic plan, and conducting assessments (MAPP) with key stakeholders to identify actions to reduce asthma and other health disparities. The award will be completed in the fall of 2012, and all reporting requirements are being met and progress towards goals are being made.
EPA-R9 Source Reduction \$75,463 2010-current	The Green Cleaning Initiative focuses on creating protocols and training large commercial custodial companies on less toxic cleaning methods and materials. Reporting is up to date and goals and objectives are being met.
Dept of Energy-Solar America Initiative; \$750,000; 2009-2011	Based on the success of its first SAI grant, SF Environment was awarded a second grant. This financing and solar thermal project is being completed this year. All program goals were met or are being exceeded.
Dept of Energy-Solar America Initiative \$200,000; 7/07-6/09	This grant was to remove barriers to solar installations in the City. All outputs and outcomes and reporting requirements were met.
EPA-Indoor Air Quality-\$45,000	The BVHP Healthy Homes Project worked with residents in public housing to address asthma disparities facing their community by reducing their use of toxic cleaning and IPM products. The program has been sustained through increased community capacity and commitment. All goals were met and reports submitted in a timely manner.

3. Community Engagement and Partnerships

a. Involvement of BVHP community

SF Environment engages communities and neighborhood groups in all of its program services. The Environmental Justice (EJ) program works extensively in low-income neighborhoods, primarily focusing on the BVHP community. Through the years, the EJ program has developed collaborative partnerships with community groups and non-profit organizations located in BVHP, and can draw upon these relationships to engage residents, property owners and community groups to participate in the Blue Greenway project, and provide input and feedback regarding the brownfields assessment process.

In addition to drawing upon its partnerships with local non-profit groups in BVHP, SF Environment will also conduct a competitive procurement process and contract with a non-profit group, such as SFPA, which will conduct a community engagement process and facilitate the continued involvement of the Blue Greenway stakeholders. SF Environment will announce public meetings through various media and conduct public outreach with the Blue Greenway Steering Committee. All notices, key documents and meetings will be translated into Spanish and Chinese. SFPA has been organizing and hosting regular public meetings of the Blue Greenway Steering Committee, and this existing working group will be engaged during the brownfield site assessment process.

b. Partnerships with local agencies and job training programs

SF Environment has developed partnerships with the Mayor's office, Port, DPW, Department of Public Health, Redevelopment Agency and other City agencies, all of whom are committed to development of the Blue Greenway. SF Environment will coordinate the brownfield site assessment activities with the Port and DPW, and engage the San Francisco Department of Public Health in oversight activities.

There are no EPA workforce development grants in San Francisco. SF Environment currently operates Environment Now, a workforce development program that focuses on providing long-term subsidized, on-the-job training across a range of environmental areas, as well as job placement. Environment Now not only prepares participants for outstanding employment prospects; it creates community advocates and environmental leaders who take all that they have learned back to their neighborhoods, to the apartment buildings and public housing developments they live in, and to the institutions in which they are involved. Since many trainees of the Environment Now program are low-income residents from BVHP, they will serve as ambassadors for this project. SF Environment will provide a training workshop to the Environment Now trainees, explaining brownfield site assessments and the stages of the remedial cleanup process used by state and regional regulators to address site contamination. This workshop will compliment and build upon the ecoliteracy training which is provided to the trainees.

c. Involvement of Non-Profit Organizations

SF Environment is working closely with SFPA, which has organized the Blue Greenway steering committee. SF Environment also has developed partnerships with other non-profit groups, such as the Bayview YMCA, Goodwill Industries, SF Conservation Corps, among others. In particular, SF Environment has worked over a ten-year period with Literacy for Environmental Justice (LEJ), a non-profit organization in BVHP, to develop a new "green" innovative environmental educational center.²⁷ Known as the EcoCenter at Heron's Head Park, the center is located within the Blue Greenway corridor, and can serve as a local resource for residents using the Blue Greenway. LEJ's letter of support is attached, as well as letters of support from San Francisco Parks Alliance, San Francisco Bay Trail and Center for Creative Land Recycling.

Name of Non-Profit Group	Involvement	Contact Information
SF Parks Alliance	outreach; review documents	Rachel Russell (415) 621-3260
Center for Creative Land Recycling	review technical documents	Ignacio Dayrit (415) 398-1080
Literacy for Environmental Justice	outreach; review documents	Raynelle Rino (415) 282-6840
SF Bay Trail (ABAG)	review documents	Maureen Gaffney (510) 464-7909

²⁷ See <http://www.lejyouth.org/ecocenter/eco.html>

4. Project Benefits

a. Health and Welfare

SF Environment's brownfield site assessments will support the community's efforts to address environmental pollution sources that may be impacting the health and welfare of local residents. The project will directly support community efforts to revitalize the area, leverage federal investment, and protect the health of a vulnerable neighborhood. Through the construction of open space linkages, the project will also support more transportation choices and promote equitable, affordable housing.

Conducting the proposed assessments of brownfield sites will provide valuable information about the type and extent of site contamination, and possible health risks associated with the brownfield sites in BVHP. The assessments will enable prospective purchasers – either the City or other entities such as non-profit land conservation organizations – to consider acquiring the properties, conducting cleanup, and reusing the brownfields for parks and open spaces for linkage with the Blue Greenway. The remediation of brownfields into open spaces will also help reduce health impacts that are being caused due to lack of trails, parks and greenways in this industrialized neighborhood, and may help to reduce asthma, obesity and cardiovascular diseases. It will provide places for people to socialize and engage in community activities, both sponsored by the BVHP community and the City.

b. Economic Benefits and Greenspaces

The development of the Blue Greenway will provide employment for local residents in brownfields remediation, construction and maintenance, habitat restoration and urban forestry. San Francisco has a local hire ordinance that requires 50% of the construction workforce to be San Francisco residents, with 25% coming from disadvantaged communities. The Blue Greenway is likely to attract more customers to the existing businesses on Third St and surrounding areas, particularly those that serve food and beverages. As has happened in other areas, a redeveloped waterfront will have the potential for other, smaller food vendors and establishments to take root, capitalizing on the increased pedestrian and cyclist traffic. The Blue Greenway can also increase tourism in the area, and tours can be lead by local non-profit organizations or small businesses. The City and local residents in BVHP have partnered in organizing cultural events and farmers markets, and the Blue Greenway will provide new venues for such economic activities. Additionally, the Blue Greenway will increase economic self-sufficiency of BVHP residents by providing a reliable transportation option for residents to get to jobs in downtown and other parts of the City.

c. Environmental Benefits

The assessment and remediation of brownfield sites along the southeastern waterfront of San Francisco will lead to significant environmental benefits. It will protect water quality by reducing the hazardous substance and petroleum contaminants that now flow into the Bay waters from runoff. It will promote air quality by reducing traffic, and encourage residents to get out of their cars and use the waterfront for walking, biking and hiking.

San Francisco has adopted green building ordinances, a diesel pollution reduction ordinance for off-road construction equipment, and requires construction sites to recycle demolition debris. The City's low impact development standards will ensure that subsequent construction on the open spaces and properties adjacent to the Blue Greenway will employ sustainable construction practices.



SF Environment

Our home. Our city. Our planet.



EDWIN LEE
Mayor

MELANIE NUTTER
Executive Director

Mr. Don West
Environmental Management Support, Inc.
8601 Georgia Avenue, Suite 500
Silver Spring, MD 20910

Re: City and County of San Francisco, Department of the Environment
Brownfields Community-Wide Site Assessment Grant Application for Blue Greenway project

Dear Mr. West:

This information is provided as required by Section III.C of Guidelines for Brownfields Assessment Grant, regarding threshold criteria. Please consider the following, in support of the City and County of San Francisco, Department of the Environment's Brownfields Community-Wide Assessment Grant Application, dated November 28, 2011.

Applicant Eligibility: City and County of San Francisco, Department of the Environment is an agency of local government, as defined under 40 CFR § 31.3.

Letter from State: A letter issued by California Department of Toxic Substances Control is attached

Site Eligibility: N/A. This is a community-wide grant application.

If you have any questions, please contact me at (415) 355-3735, or anne.eng@sfgov.org. Thank you.

Regards,

Anne Eng
Environmental Justice Program Manager
Department of the Environment
City and County of San Francisco

Department of the Environment, City and County of San Francisco
11 Grove Street, San Francisco, CA 94102
Telephone: (415) 355-3700 • Fax: (415) 554-6393
Email: environment@sfgov.org • www.sfenvironment.com

100% Post-Consumer Content



Department of Toxic Substances Control

Matthew Rodriguez
Secretary for
Environmental Protection

Deborah O. Raphael, Director
700 Heinz Avenue
Berkeley, California 94710-2721

Edmund G. Brown Jr.
Governor

November 14, 2011

Debbie Schechter
Brownfields & Site Assessment Section Chief
US Environmental Protection Agency, Region 9
75 Hawthorne St., SFD 9-1
San Francisco, California 94105

Dear Ms. Schechter:

The California Department of Toxic Substances Control (DTSC) has lead regulatory responsibility for investigating and remediating hazardous Substances release sites in California. DTSC fully supports the efforts of the San Francisco Department of the Environment (SF DOE) to apply for a \$400,000 community-wide Brownfields Assessment Grant from the U.S. Environmental Protection Agency (U.S. EPA).

The SF DOE would use the grant funds to perform Phase I and II Environmental Site Assessments and cleanup planning at priority sites identified by the SF Parks Alliance (formerly the Neighborhood Parks Council) US EPA-funded Brownfields Area-Wide Planning Pilot Program. Sites will be targeted to support the development of the Blue Greenway project, a 13-mile corridor along the city's Southeastern waterfront, where open spaces will be linked together for new recreational opportunities, nature discovery, and public access to the waterfront. This area was the industrial heart of the city from the 1850s to the mid-1900s and included heavy industrial uses, sewage treatment facilities, and power generation facilities. The area neighborhoods are historically underserved and economically disadvantaged, with a poverty rate over 21 percent, and an unemployment rate greater than 19 percent.

Debbie Schechter
November 14, 2011
Page 2

We appreciate the opportunity to voice our support of this crucial funding. Please contact Janet Naito at (510) 540-3833 or jnaito@dtsc.ca.gov if you have any questions.

Sincerely,



Barbara J. Cook, P.E., Acting Assistance Deputy Director
Brownfields and Environmental Restoration Program

cc: Anne Lee Eng (via e-mail to: anne.eng@sfgov.org)
Environmental Justice Program Manager
Department of the Environment



November 22, 2011

Ms. Laurie Amaro
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Re: Letter of Support - Brownfield Assessment Grant (EPA-OSWER-OBLR-11-05) Application by SF Environment for the San Francisco Blue Greenway

Dear Ms. Amaro:

Please accept this Letter of Support for SF Environment's application for a Brownfield Assessment Grant for the San Francisco Blue Greenway.

The grant will further the realization of the Blue Greenway vision, developed by a collaboration between the Mayor's Office, SF Environment, San Francisco Parks Alliance (SFPA (formerly Neighborhood Parks Council, NPC)), Port of San Francisco, SF Department of Public Works, SF Planning Department, SF Redevelopment Agency, and many other public agencies and civic groups.

Launched in 2006, the Blue Greenway vision will transform a 13-mile stretch of San Francisco's southeastern waterfront (the historical industrial heart of the city) into a greenway and waterway network. The project area is home to some of San Francisco's most underserved neighborhoods (Bayview/Hunter's Point, India Basin, Dog Patch, Potrero Hill). Completion of the project will connect underserved neighborhoods to the waterfront, link established open spaces, create new recreational opportunities and provide public access to the missing segment of the Association of Bay Governments' (ABAG) Bay Trail and Bay Water Trail project.

The grant will build on many accomplishments to date, in particular the results of the Brownfields Area Wide Planning Grant for the Blue Greenway, awarded to SFPA (formerly NPC) in 2010, to plan for the remediation and transformation of several brownfield sites along the Blue Greenway into public parks, open green spaces, and recreational trails that will benefit area residents, in particular, and the city as a whole. Without continued support from the EPA implementation of the community vision would remain unfunded.

With knowledge, experience, competency, and purview, SF Environment is ideally suited to lead this important, collective effort.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Matthew O'Grady". The signature is stylized and somewhat cursive.

Matthew O'Grady

San Francisco Parks Alliance
Executive Director

cc. Anne Eng, SF Environment



November 22, 2011

Laurie Amaro
US Environmental Protection Agency, Region 9
75 Hawthorne St., SFD 9-1
San Francisco, California 94105

**Re: Letter of Support - Brownfield Assessment Grant (EPA-OSWER-OBLR-11-05) Application
by SF Environment for the San Francisco Blue Greenway**

Dear Ms. Amaro:

Please accept this Letter of Support for SF Environment's application for a Brownfield Assessment Grant for the San Francisco Blue Greenway.

The grant will further the realization of the Blue Greenway vision, developed by the Mayor's Office, SF Environment, Neighborhood Parks Council (now SF Parks Alliance), Port of San Francisco, SF Department of Public Works, SF Planning Department, SF Redevelopment Agency, and many other public agencies and civic groups, beginning in 2005, to transform a 15-mile stretch of San Francisco's southeastern waterfront (the historical industrial heart of the city) into a greenway and waterway network. The project area is home to some of San Francisco's most underserved neighborhoods (Bayview/Hunter's Point, India Basin, Dog Patch, Potrero Hill).

Literacy for Environmental Justice participates in the Blue Greenway Steering Committee, an interest group made of community members, stakeholders and city agency staff. As members, our role in the project will include participation in site identification, prioritization and outreach.

The grant will build on many accomplishments to date, in particular the results of the Brownfields Area Wide Planning Grant for the Blue Greenway, awarded to Neighborhood Parks Council in 2010, to plan for the remediation and transformation of several brownfield sites along the Blue Greenway into public parks, open green spaces, and recreational trails that will benefit area residents, in particular, and the city as a whole.

By knowledge, experience, competency, and purview, SF Environment is ideally suited to lead this important, collective effort.

Thank you for your consideration.

Sincerely,

Raynelle Rino

Heron's Head Park Ecologist

cc. Anne Eng, SF Environment



November 21, 2011

Laurie Amaro
US Environmental Protection Agency, Region 9
75 Hawthorne St., SFD 9-1
San Francisco, California 94105

Re: Letter of Support - Brownfield Assessment Grant (EPA-OSWER-OBLR-11-05) Application by SF Environment for the San Francisco Blue Greenway

Dear Ms. Storm:

The Bay Trail Project is a nonprofit organization administered by the Association of Bay Area Governments (ABAG) that plans, promotes and advocates for the implementation of a continuous 500-mile bicycling and hiking path around San Francisco Bay. When complete, the trail will pass through 47 cities, all nine Bay Area counties, and cross seven toll bridges. To date, slightly more than half the length of the Bay Trail alignment has been developed. The Blue Greenway is a vital effort to complete the San Francisco Bay Trail and the Bay Area Water Trail on the southern waterfront of San Francisco.

The grant will further the realization of the Blue Greenway vision, developed by the Mayor's Office, SF Environment, Neighborhood Parks Council (now SF Parks Alliance), Port of San Francisco, SF Department of Public Works, SF Planning Department, SF Redevelopment Agency, ABAG, and many other public agencies and civic groups, beginning in 2005, to transform a 15-mile stretch of San Francisco's southeastern waterfront (the historical industrial heart of the city) into a greenway and waterway network. The project area is home to some of San Francisco's most underserved neighborhoods (Bayview/Hunter's Point, India Basin, Dog Patch, Potrero Hill).

The grant will build on many accomplishments to date, in particular the results of the Brownfields Area Wide Planning Grant for the Blue Greenway, awarded to Neighborhood Parks Council in 2010, to plan for the remediation and transformation of several brownfield sites along the Blue Greenway into public parks, open green spaces, and recreational trails that will benefit area residents, in particular, and the city as a whole.

By knowledge, experience, competency, and purview, SF Environment is ideally suited to lead this important, collective effort.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Maureen Gaffney", written over a light blue horizontal line.

Maureen Gaffney
Bay Trail Planner

cc. Anne Eng, SF Environment



CENTER FOR
CREATIVE
LAND
RECYCLING

*Redeveloping Land for
Sustainable Communities*

November 28, 2011

Laurie Amaro
US Environmental Protection Agency, Region 9
75 Hawthorne St., SFD 9-1
San Francisco, California 94105

RE: LETTER OF SUPPORT - BROWNFIELD ASSESSMENT GRANT (EPA-OSWER-OBLR-11-05) APPLICATION BY SF ENVIRONMENT FOR THE SAN FRANCISCO BLUE GREENWAY

Dear Ms. Amaro:

The Center for Creative Land Recycling (CCLR) strongly supports SF Environment's application for a Brownfield Assessment Grant for the San Francisco Blue Greenway.

The grant will further the realization of the Blue Greenway vision, developed by the Mayor's Office, SF Environment, Neighborhood Parks Council (now SF Parks Alliance), Port of San Francisco, SF Department of Public Works, SF Planning Department, SF Redevelopment Agency, and many other public agencies and civic groups, beginning in 2005, to transform a 15-mile stretch of San Francisco's southeastern waterfront (the historical industrial heart of the city) into a greenway and waterway network.

CCLR has been providing pro bono technical assistance as part of a grant obtained from HUD to support the southeaster neighborhoods of San Francisco. This work will continue through fall of 2012. CCLR also provides technical guidance to the Blue Greenway Steering Committee, an interest group comprised of community members, open space advocates, and city agency staff.

The grant will build on the group's many accomplishments to date, in particular the results of the Brownfields Area Wide Planning Grant for the Blue Greenway, awarded to Neighborhood Parks Council in 2010. The grant is being used to plan for the remediation and transformation of several brownfield sites along the Blue Greenway into public parks, open green spaces, and recreational trails that will benefit area residents, in particular, and the city as a whole.

By knowledge, experience, competency, and purview, SF Environment is ideally suited to lead this important, collective effort.

Thank you for your consideration.

Regards,

Stephanie Shakofsky, Executive Director

cc. Anne Eng, SF Environment

OFFICE OF THE MAYOR
SAN FRANCISCO



EDWIN M. LEE
MAYOR

November 23, 2011

Jared Blumenfeld
Regional Administrator
US Environmental Protection Agency, Region 9
75 Hawthorne Street, SFD 9-1
San Francisco, California 94105

**Subject: Support for the San Francisco Department of Environment's Application for
Brownfields Community Wide Assessment Grant for the Blue Greenway**

Dear Jared:

I am writing to express my strong support for the San Francisco Department of Environment's Community Wide Brownfields Assessment Grant request in support of San Francisco's "Blue Greenway" project.

The San Francisco Department of the Environment (SF Environment) is requesting \$400,000 to evaluate ten brownfield sites for inclusion in a waterfront project called the "Blue Greenway." The Blue Greenway, an extension of the Association of Bay Area Governments' Bay Trail and Bay Area Water Trail, will provide green open spaces and parklands along San Francisco's eastern shoreline and provide access to the Bay waterfront in the underserved neighborhood of Bayview Hunters Point.

The city, led by the Port of San Francisco, has been convening a public and private coalition of community groups, non-profit environmental organizations, and local, regional and state governmental agencies to plan and develop the Blue Greenway project. We are also working diligently to extend the waterfront open space system into and along the shoreline of the Hunters Point Shipyard, to allow the Blue Greenway corridor to connect all the way south toward Candlestick Park.

San Francisco is firmly committed to the Blue Greenway project and, if awarded, will leverage the EPA Brownfields grant with City funds for waterfront improvements, including approximately \$25 million already secured by the Port of San Francisco in support of this initiative.

I respectfully ask for your support for this important project. Please feel free to contact my Director of Climate Protection Initiatives, Johanna Partin, at (415) 554-6640, with any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Edwin M. Lee".

Edwin M. Lee
Mayor

1 DR. CARLTON B. GOODLETT PLACE, ROOM 200
SAN FRANCISCO, CALIFORNIA 94102-4681
TELEPHONE: (415) 554-6141



November 17, 2011

Debbie Schechter
Brownfields & Site Assessment Section Chief
US Environmental Protection Agency, Region 9
75 Hawthorne St., SFD 9-1
San Francisco, California 94105

Subject: Support for the City and County of San Francisco Department of Environment Application for Blue Greenway Community Wide Brownfields Assessment Grant

Dear Ms. Schechter

The Port of San Francisco has lead a 2 year City, Regional and State interagency community planning process to develop the Blue Greenway Planning and Design guidelines, a tool that will be used to implement the Blue Greenway project. The Blue Greenway is the City's project to complete the Association of Bay Area Governments Bay Trail and Bay Area Water Trail in Southeast San Francisco from Mission Creek to Candlestick State Park. (see www.sport.com/bluegreenway).

To date, the Port has secured approximately \$25 million dollars to create and improve Port waterfront opens spaces, linkages between them and associated amenities including site furnishings, art and interpretation.

The Port will continue interagency coordination and support with it partners including, City, Regional and State agencies, and the San Francisco Department of Environment on efforts to complete the Blue Greenway project. With this in mind, we strongly encourage the EPA to award the San Francisco Department of Environment with the US EPA Community Wide Brownfields Assessment Grant

Should you have any questions about the Blue Greenway or the Port of San Francisco projects, feel free to contact me.

Sincerely,

David Beaupre
Senior Waterfront Planner
Port of San Francisco
415-274-0539
David.beaupre@sport.com

cc. Anne Eng, SFDOE



Edwin M. Lee, Mayor
Mohammed Nuru, Interim Director



Patrick Rivera, Division Manager

November 21, 2011

Ms. Laurie Amaro
EPA Region 9
75 Hawthorne Street
San Francisco, Ca 94105

Subject: Support for the City and County of San Francisco Department of Environment Application for Blue Greenway Community Wide Brownfields Assessment Grant

Dear Ms. Amaro:

The San Francisco Department of Public Works (DPW) has been an integral partner in the Blue Greenway Planning process since its inception in 2005. As the City agency with jurisdiction over all city streets and unimproved street rights-of-way (ROWs), we support implementation of the shoreline plans such as the Blue Greenway and the Association of Bay Area Governments' Bay Trail that may utilize city ROWs.

DPW has led a concurrent and related 8-year City, Regional, and State interagency and community planning process to develop the Bayview Transportation Improvements Project (BTI). The goal of the BTI Project is to improve multimodal transportation opportunities within and to the Bayview and Hunters Point neighborhoods located in the Southeast portion of San Francisco. As part of this planning effort, DPW continues to support implementation of the Blue Greenway as part of the BTI Project.

Further, many of the street ROWs in the proposed grant study area are unimproved, adjacent to heavy industrial uses, and may be significant connecting linkages for city residents to the San Francisco Bay if designed and built in a healthy, sustainable manner. We would like to assure you that DPW has hazardous material engineers and considerable GIS data and programming ability, and the Dept. of Public Health has hazardous material scientists involved in all projects in this area. These resources are available to the Dept. of Environment.

DPW will continue interagency coordination and support of its partners including City, Regional, and State agencies, and the San Francisco Department of Environment in efforts to complete the BTI Project. With this in mind, we strongly encourage the EPA to award to the San Francisco Department of Environment the US EPA Community Wide Brownfield Assessment Grant.

Should you have any questions about the Bayview Transportation Improvements Project, feel free to contact me at 415.558.4084.

Sincerely,

A handwritten signature in black ink that reads "Peg Divine".

Peg Divine, PE
Deputy Division Manager for Streets, Landscapes & Structures

cc. Anne Eng, SFDOE



San Francisco
Redevelopment Agency

One South Van Ness Avenue
San Francisco, CA 94103

415.749.2400



EDWIN M. LEE, Mayor

Rick Swig, President
Blashea Singh, Vice-President
Rosario M. Anaya
Miguel M. Bustos
Francee Covington
Leroy King
Agnes Briones Ubalde

Tiffany Bohee, Interim Executive Director

November 21, 2011

110-1511-013

Laurie Amaro
US Environmental Protection Agency, Region 9
75 Hawthorne St., SFD 9-1
San Francisco, California 94105

**Re: Letter of Support - Brownfield Assessment Grant (EPA-OSWER-OBLR-11-05) Application
by SF Environment for the San Francisco Blue Greenway**

Dear Ms. Amaro:

Please accept this Letter of Support for SF Environment's application for a Brownfield Assessment Grant for the San Francisco Blue Greenway.

The grant will further the realization of the Blue Greenway vision, developed by the Mayor's Office, SF Environment, Neighborhood Parks Council (now SF Parks Alliance), Port of San Francisco, SF Department of Public Works, SF Planning Department, SF Redevelopment Agency (SFRA), and many other public agencies and civic groups, to transform a 15-mile stretch of San Francisco's southeastern waterfront (the historical industrial heart of the city) into a greenway and waterway network. The project area is home to some of San Francisco's most underserved neighborhoods (Bayview/Hunter's Point, India Basin, Dog Patch, Potrero Hill).

The SFRA participates in the Blue Greenway Steering Committee, an interest group made of community members, stakeholders and city agency staff. As members, our role in the project will include participation in site identification, prioritization and outreach.

The SFRA supports planning efforts to transform our shoreline frontage into a recreational area, but this transformation requires a thorough assessment of potential contamination. The grant will build on many accomplishments to date, in particular the results of the Brownfields Area Wide Planning Grant for the Blue Greenway, awarded to Neighborhood Parks Council in 2010, to plan for the remediation and transformation of several brownfield sites along the Blue Greenway into public parks, open green spaces, and recreational trails that will benefit area residents, in particular, and the city as a whole.

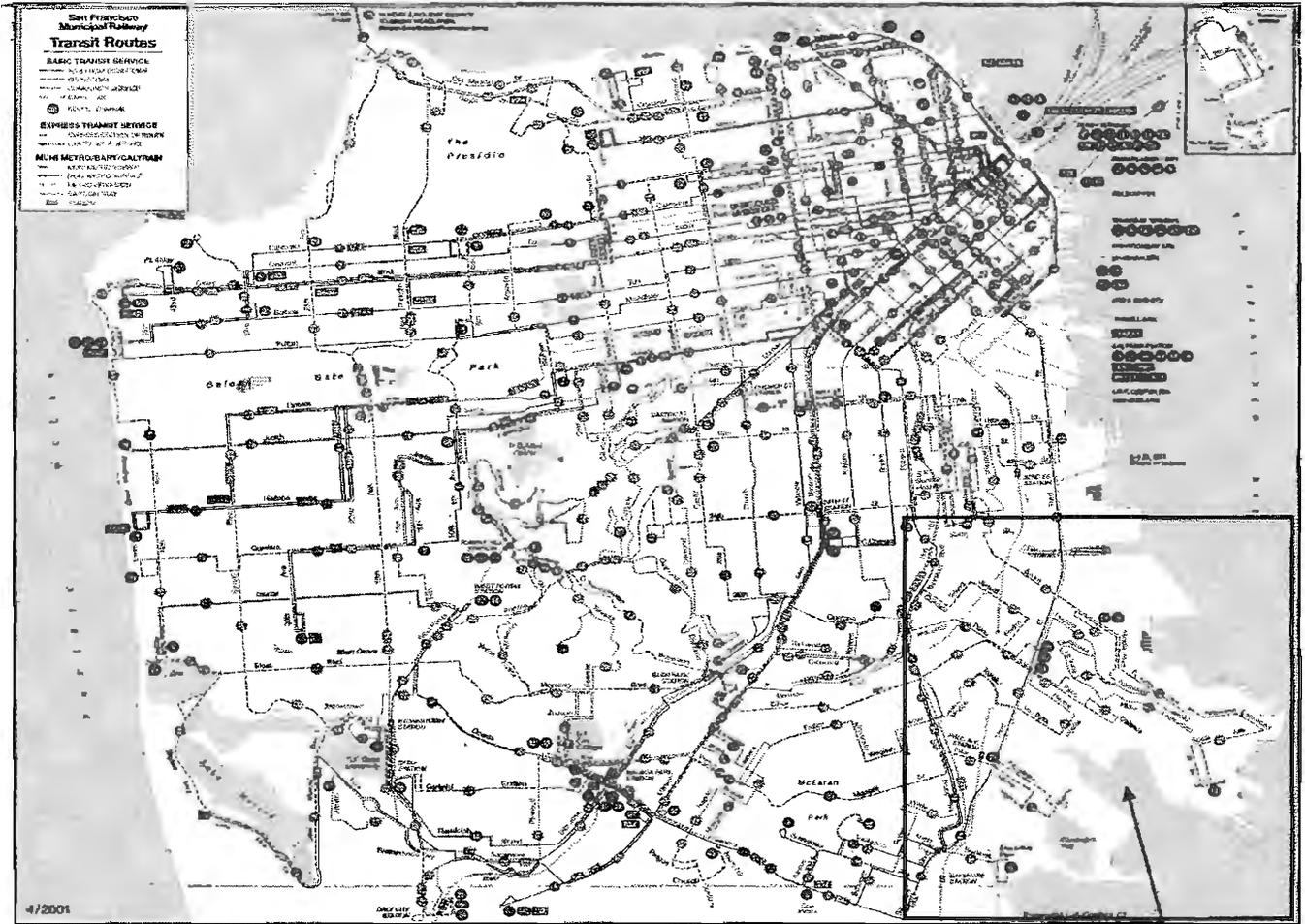
By knowledge, experience, competency, and purview, SF Environment is ideally suited to lead this important, collective effort.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lila Hussain', is written over a horizontal line.

Lila Hussain
Planning Division
San Francisco Redevelopment Agency
cc. Anne Eng, SF Environment



Bayview Hunters Point
Community of San Francisco

Opportunity Title:	Proposal Guidelines for Brownfields Assessment Grants
Offering Agency:	Environmental Protection Agency
CFDA Number:	66.818
CFDA Description:	Brownfields Assessment and Cleanup Cooperative Agreement
Opportunity Number:	EPA-OSWER-OBLR-11-05
Competition ID:	
Opportunity Open Date:	09/28/2011
Opportunity Close Date:	11/28/2011
Agency Contact:	Megan Quinn, 202-566-2773

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application, and then apply.

This opportunity is only open to organizations; applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

* Application Filing Name: SF Dept of Environment Blue Greenway

Mandatory Documents

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Move Form to Complete

Move Form to Delete

Mandatory Documents for Submission

Application for Federal Assistance (SF-424)
Other Attachments Form
Budget Information for Non-Construction Program

Optional Documents

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Move Form to Submission List

Move Form to Delete

Optional Documents for Submission

--

INSTRUCTIONS

1 Enter a name for the application in the Application Filing Name field.

- This application can be completed in its entirety online; however, you will need to login to the Grants.gov website during the submission process.
- You can save your application at any time by clicking the "Save" button at the top of your screen.
- The "Save & Submit" button will not be functional until all required data fields in the application are completed and you clicked on the "Check Package for Errors" button and confirmed all data required data fields are completed.

2 Open and complete all of the documents listed in the "Mandatory Documents" box. Complete the SF-424 form first.

- It is recommended that the SF-424 form be the first form completed for the application package. Data entered on the SF-424 will populate data fields in other mandatory and optional forms and the user cannot enter data in these fields.
- The forms listed in the "Mandatory Documents" box and "Optional Documents" may be predefined forms, such as SF-424, forms where a document needs to be attached, such as the Project Narrative or a combination of both. "Mandatory Documents" are required for this application. "Optional Documents" can be used to provide additional support for this application or may be required for specific types of grant activity. Reference the application package instructions for more information regarding "Optional Documents".

- To open and complete a form, simply click on the form's name to select the item and then click on the => button. This will move the document to the appropriate "Documents for Submission" box and the form will be automatically added to your application package. To view the form, scroll down the screen or select the form name and click on the "Open Form" button to begin completing the required data fields. To remove a form/document from the "Documents for Submission" box, click the document name to select it, and then click the <= button. This will return the form/document to the "Mandatory Documents" or "Optional Documents" box.

- All documents listed in the "Mandatory Documents" box must be moved to the "Mandatory Documents for Submission" box. When you open a required form, the fields which must be completed are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message.

3 Click the "Save & Submit" button to submit your application to Grants.gov.

- Once you have properly completed all required documents and attached any required or optional documentation, save the completed application by clicking on the "Save" button.
- Click on the "Check Package for Errors" button to ensure that you have completed all required data fields. Correct any errors or if none are found, save the application package.
- The "Save & Submit" button will become active; click on the "Save & Submit" button to begin the application submission process.
- You will be taken to the applicant login page to enter your Grants.gov username and password. Follow all onscreen instructions for submission.

Application for Federal Assistance SF-424

* 1. Type of Submission:

- Preapplication
 Application
 Changed/Corrected Application

* 2. Type of Application:

- New
 Continuation
 Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

Completed by Grants.gov upon submission:

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name:

CITY & COUNTY OF SAN FRANCISCO DEPARTMENT OF ENVIRONMENT

* b. Employer/Taxpayer Identification Number (EIN/TIN):

94-6000417

* c. Organizational DUNS:

0703842550000

d. Address:

* Street1:

11 GROVE STREET

* Street2:

* City:

SAN FRANCISCO

* County/Parish:

* State:

CA: California

* Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

94102/4702

e. Organizational Unit:

Department Name:

Environment

Division Name:

Environmental Justice

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Ms.

* First Name:

Anne

Middle Name:

L

* Last Name:

Eng

Suffix:

Title:

Environmental Justice Program Manager

Organizational Affiliation:

City and County of San Francisco Dept Environment

* Telephone Number:

(415) 355-3735

* Fax Number:

(415) 554-6393

* Email:

anne.eng@sfgov.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

B: County Government

Type of Applicant 3: Select Applicant Type:

*** Other (specify):**

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.818

CFDA Title:

Brownfields Assessment and Cleanup Cooperative Agreements

*** 12. Funding Opportunity Number:**

EPA-OSWER-OBLR-11-05

*** Title:**

Proposal Guidelines for Brownfields Assessment Grants

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

SF Dept of Environment Brownfield Community

[Add Attachment](#)

[Delete Attachment](#)

[View Attachment](#)

*** 15. Descriptive Title of Applicant's Project:**

Conduct Brownfield site assessments of potentially contaminated sites in Bayview Hunters Point community of San Francisco for development of a shoreline open space project called the Blue Greenway.

Attach supporting documents as specified in agency instructions.

[Add Attachment](#)

[Delete Attachment](#)

[View Attachment](#)

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant:

b. Program/Project:

Attach an additional list of Program/Project Congressional Districts if needed:

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal:	<input type="text" value="400,000.00"/>
* b. Applicant:	<input type="text" value="0.00"/>
* c. State:	<input type="text" value="0.00"/>
* d. Local:	<input type="text" value="0.00"/>
* e. Other:	<input type="text" value="0.00"/>
* f. Program Income:	<input type="text" value="0.00"/>
* g. TOTAL:	<input type="text" value="400,000.00"/>

19. Is Application Subject to Review By State Under Executive Order 12372 Process?

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

Yes No

If "Yes", provide explanation and attach

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

* First Name:

Middle Name:

* Last Name:

Suffix:

* Title:

* Telephone Number:

Fax Number:

* Email:

* Signature of Authorized Representative:

* Date Signed:

Other Attachment File(s)

Mandatory Other Attachment Filename: SF Dept of Env Brownfields Application - Transmittal

Add Mandatory Other Attachment

Delete Mandatory Other Attachment

View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment

Delete Optional Other Attachment

View Optional Other Attachment

Project Narrative File(s)

Mandatory Project Narrative File Filename: SF Dept. of Environment Brownfield Community Wide Site

[Add Mandatory Project Narrative File](#)

[Delete Mandatory Project Narrative File](#)

[View Mandatory Project Narrative File](#)

To add more Project Narrative File attachments, please use the attachment buttons below.

[Add Optional Project Narrative File](#)

[Delete Optional Project Narrative File](#)

[View Optional Project Narrative File](#)

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 06/30/2014

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Start-Up phase includes conducting competitive procurement process to contract with technical consultant and outreach	66.818	\$	\$	10,240.00	\$	10,240.00
2. Prepare Inventory of brownfield sites for assessment	66.818			36,240.00		36,240.00
3. Conduct Phase I assessments for 8 to 10 brownfield sites	66.818			155,360.00		155,360.00
4. Conduct Phase II assessments for 4 brownfield sites and prepare final report	66.818			198,160.00		198,160.00
5. Totals		\$	\$	400,000.00	\$	400,000.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Start-Up phase includes conducting competitive procurement process to contract with technical consultant and outreach	Prepare Inventory of brownfield sites for assessment	Conduct Phase I assessments for 8 to 10 brownfield sites	Conduct Phase II assessments for 4 brownfield sites and prepare final report	
a. Personnel	\$ 8,000.00	\$ 11,000.00	\$ 6,000.00	\$ 10,000.00	\$ 35,000.00
b. Fringe Benefits	2,240.00	1,400.00	1,680.00	2,800.00	8,120.00
c. Travel	0.00	0.00	0.00	0.00	
d. Equipment	0.00	0.00	0.00	0.00	
e. Supplies	0.00	160.00	0.00	0.00	160.00
f. Contractual	0.00	23,680.00	147,680.00	185,360.00	356,720.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	10,240.00	36,240.00	155,360.00	198,160.00	\$ 400,000.00
j. Indirect Charges					
k. TOTALS (sum of 6i and 6j)	\$ 10,240.00	\$ 36,240.00	\$ 155,360.00	\$ 198,160.00	\$ 400,000.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. EPA brownfields grant funds will be leveraged by Port of San Francisco's bond funds for the Blue Greenway project-\$25M	\$ 0.00	\$ 0.00	\$ 25,000,000.00	\$ 25,000,000.00
9. Prepare Inventory of brownfield sites for assessment				
10. Conduct Phase I assessments for 8 to 10 brownfield sites				
11. Conduct Phase II assessments for 4 brownfield sites and prepare final report				
12. TOTAL (sum of lines 8-11)			\$ 25,000,000.00	\$ 25,000,000.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 201,840.00	\$ 46,480.00	\$ 55,360.00	\$ 50,000.00	\$ 50,000.00
14. Non-Federal					
15. TOTAL (sum of lines 13 and 14)	\$ 201,840.00	\$ 46,480.00	\$ 55,360.00	\$ 50,000.00	\$ 50,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. EPA Brownfields Assessment Grant Funds	\$ 201,840.00	\$ 99,080.00	\$ 99,080.00	
17. Prepare Inventory of brownfield sites for assessment				
18. Conduct Phase I assessments for 8 to 10 brownfield sites				
19. Conduct Phase II assessments for 4 brownfield sites and prepare final report				
20. TOTAL (sum of lines 16 - 19)	\$ 201,840.00	\$ 99,080.00	\$ 99,080.00	

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: \$400,000.00	22. Indirect Charges: 0
23. Remarks:	