HUNTERS POINT SHIPYARD 1 **REGULATIONS UNDER HEALTH CODE ARTICLE 31** 2 Adopted November 16, 2004; amended June 5 , 2010 3 **EFFECTIVE DATE AND APPLICABILITY OF REGULATION** I. 4 Authorization. Upon recommendation of the Director of the Department of 5 Public Health, the Health Commission adopts this regulation pursuant to Section 3107(a) of 6 Article 31 of the Health Code (Ordinances Nos.) applicable to all Hunters Point 7 Shipvard (HPS) parcels (under sections 3100 et seq.). These regulations are effective on the 8 effective date of the ordinance. The Director of the Department of Public Health has 9 delegated the authority to implement Article 31 to the Director of the Environmental Health 10 Section. All references in the ordinance to the Director shall be to the Director of the 11 Environmental Health Section. 12 B. Purpose. These regulations establish requirements for preparing plans and 13 reports including: Site Evaluation, Supplemental Site Evaluation, Site Mitigation, Risk 14 Evaluation and Closure Reports, as applicable, pursuant to Article 31, Section 3100 et seq. in 15 connection with permit applications at HPS. These regulations also establish residual soil 16 screening criteria for unrestricted residential property and minimum criteria for all applicable 17 Site Evaluation Reports, Dust Control Plans, Unknown Contaminant Contingency Plans, 18 Disposal Plans, Site Specific Health and Safety Plans Plans, and Foundation Support Piles 19 Installation Plans and Serpentinite Cover Plans. 20 These regulations apply to the extent that a Prescribed Subsurface Activity C. 21 Area is subject to these regulations as shown in the attached map adopted by the Director 22 pursuant to Article 31, Section 3107(d). 23 24

1	II.	REPO	ORT PI	REPARER'S QUALIFICATIONS
2		A.	For a	Il reports required by ordinance or in these regulations, except the Site
3	Speci	ific Hea	ilth and	f Safety Plan and the Foundation Support Piles Installation Plan, the
4	prepa	rer (s):		
5		1.	must	have experience or educational background in site history, and
6		2.	must	be one or more of the following who is registered or certified by the State
7		of Ca	lifornia	:
8			a.	Civil or Chemical Engineer;
9			b.	Geologist;
0			c.	Hydrogeologist;
1			d.	Environmental Assessor II; or
2			e.	Environmental Assessor I for site history only; or
3			f.	Equivalent registration as determined by the Director.
4		B.	For S	ite Specific Health and Safety plans, the preparer(s):
5		1.	must	have experience in preparation of Health And Safety Plans for soil
6	excav	/ation, s	soil gra	ding and soil disposal for soil that may contain contaminants listed on
7	Table	1 and		
8		2.	must	be <u>a</u> :
9			a.	Certified Industrial Hygienist or
20			b.	Equivalent registration as determined by the Director.
21		C.	For th	ne Foundation Support Piles Installation Plan, the preparer (s):
22		1.	must	have experience in designing and installing foundation support piles in
23	poten	itially co	ontami	nated artificial fill materials and
24		2.	must	be a:
25			a.	Civil Engineer registered in the State of California or

b. Equivalent registration as determined by the Director.

III. SCREENING CRITERIA

The Director establishes the following residual soil screening criteria for unrestricted residential property:

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6 TABLE 1

HAZARDOUS CONSTITUENT	<u>LEVEL</u>
Inorganic persistent and bioaccumulative toxic	The more stringent of either the most recent
substances listed in 22 Cal. Code Regs.	California Human Health Screening Level or U.S.
§66261.24(a)(2)(A)	EPA Regional Screening Level for residential soil
Volatile organic toxic pollutants listed in 40 C.F.R.	The more stringent of either the most recent
Part 122, Appendix D, Table II	California Human Health Screening Level or U.S.
, , , , , , , , , , , , , , , , , , , 	EPA Regional Screening Level for residential soil
PCBs	The more stringent of either the most recent
	California Human Health Screening Level or U.S.
	EPA Regional Screening Level for residential soil
pH levels	Hazardous Waste levels for corrosivity as defined
prinovolo	in 22 Cal. Code Regs. §66261.22
Total petroleum hydrocarbons	For soil from 0 to 10 feet below ground surface:
Total pod olosin ny strong in a la	As gasoline 315 ppm
	As diesel 1,500 ppm
	As motor oil 1,850 ppm
	Deeper than 10 feet = consult with the Director.
Pesticides	The more stringent of either the most recent
	California Human Health Screening Level or U.S.
	EPA Regional Screening Level for residential soil
Metals	The more stringent of either the most recent
	California Human Health Screening Level or U.S.
	EPA Regional Screening Level for residential soil
Radionuclides	USEPA Preliminary Remediation Goals for
	residential soil with two exceptions:
	Cs-137 = 0.113 pCi/g and Ra-226 = 1 pCi/g
	above background or may use 1.485 pCi/g if site
	specific background not available.
Semi-volatile organic compounds	The more stringent of either the most recent
	California Human Health Screening Level or U.S.
	EPA Regional Screening Level for residential soil
Polycyclic aromatic hydrocarbons	The more stringent of either the most recent
*	California Human Health Screening Level or U.S.
·	EPA Regional Screening Level for residential soil

1	IV.	DUST CONTROL PLAN, UNKNOWN CONTAMINANT CONTINGENCY PLAN,
2	DISPO	OSAL PLAN, SITE SPECIFIC HEALTH AND SAFETY PLAN, SOIL IMPORTATION
3	PLAN	, FOUNDATION SUPPORT PILES INSTALLATION PLAN AND SERPENTINITE
4	COVE	R PLAN.
5 6	Plan,	Whenever a Dust Control Plan; Unknown Contaminant Contingency Plan, Disposal Site Specific Health and Safety Plan, Soil Importation Plan, Foundation Support Piles
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minimum requirements:

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Α. Dust Control Plan: Shall be prepared in accordance with (a) Article 22B of the Health Code: (b) mitigation measures imposed by the Hunters Point Reuse Plan FEIR (2000) Ispecifically, Mitigation Measures 2.B and 8.Al, and the Candlestick Point-Hunters Point Shipyard Phase II FEIR (2010), [specifically, Mitigation Measure MM HZ-15]; (c) DPW Order #171,378, as amended, and d) BAAQMD regulations pertaining to visible dust, and, if applicable, dust from asbestos or lead-based paint materials, as amended.

Unknown Contaminant Contingency Plan: Details on actions that will be taken

Installation Plan or Serpentinite Cover Plan is required pursuant to Article 31, the Applicant

shall prepare such plan to the satisfaction of the Director in accordance with the following

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C. Disposal Plans: Must include: a list of landfills and contact information to be used for offsite disposal; examples of tracking spreadsheets (or equivalent) that must include: date of excavation, location of excavation, quantity, soil type, bill of lading or manifest number, transporter and landfill; and comply with Hunters Point Reuse Plan FEIR Mitigation Measure 8.A.

if previously unknown contamination is found, as required in the Candlestick Point-Hunters

Point Shipyard Phase II FEIR (2010), [specifically, Mitigation Measure MM HZ-2a.1];

D. Site Specific Health and Safety Plans: Must address the safety and health
hazards of each phase of the site operation and include the requirements and procedures for
employee protection, including: (1) a health and safety risk or hazard analysis for each
activity in the work plan; (2) training requirements for employees, including use of PPE,
work practices to minimize risk, use of engineering controls and equipment, medical
surveillance requirements; (3) PPE to be used for each site task; (4) medical surveillance;
(5) frequency and types of air monitoring, personnel monitoring, monitoring techniques and
maintenance of equipment; (6) site control measures; (7) decontamination procedures; (8)
an emergency response plan; and (9) spill containment program; and must comply with
Hunters Point Reuse Plan FEIR Mitigation Measures 7.D, 7.E, 8.A (2000) and the
Candlestick Point-Hunters Point Shipyard Phase II FEIR (2010), [specifically, Mitigation
Measure MM HZ-2a.2]; and applicable Cal/OSHA rules and regulations in effect at the time
the activity is being conducted.

E. Soil Importation Plan: The Soil Importation Plan must estimate the quantities of soil to be imported onto the site; describe the locations of use and describe the procedures to be used to ensure that imported soil does not exceed the established screening levels.

F. Foundation Support Piles Installation Plan: Shall be prepared in accordance with the Candlestick Point-Hunters Point Shipyard Phase II FEIR (2010), [specifically, Mitigation Measure MM HZ-5A]. The Foundation Support Piles Installation Plan shall be written for installing foundation support piles in artificial fill materials and shall specify: (1) that pilot boreholes for each pile will be drilled through the artificial fill materials so the piles can be installed without damage or misalignment and to prevent potentially contaminated fill materials from being pushed into the underlying sediments or groundwater or (2) an

- equivalent process that can accomplish the same goal of installing the piles without damage or misalignment and to prevent potentially contaminated fill materials from being pushed into the underlying sediments or groundwater.
- G. Serpentinite Cover Plan: This plan shall be prepared for unrestricted residential property in accordance with the Hunters Point Reuse Plan FEIR (2000) Mitigation Measure 8.A.
 - 1. Prior to covering serpentinite fill with a clean, non-serpentinite, non-naturally occurring asbestos containing fill or an equivalent cover, the applicant shall submit a Serpentinite Cover Plan to the Director that contains descriptions and figures designating the different types of cover material that will be used.
 - 2. If one foot of non-serpentinite or non-naturally occurring asbestos containing fill is to be used as a cover then the Serpentinite Cover Plan shall include a sampling and analysis plan that describes the protocols that will be used to verify that the one foot of cover does not contain naturally occurring asbestos. Once the sampling and analysis plan is approved by the Director then sampling shall be conducted to verify that the fill is acceptable as a cover material. Alternatively, imported fill may be used as cover provided that it has been tested for asbestos and verified not to contain asbestos, in accordance with the Soil Importation Plan prepared pursuant to paragraph IV.E. of this regulation. The sample results or verification of non-asbestos containing imported fill shall be submitted for the Director's approval. The results or verification can be submitted as part of the Closure Report or as a separate report.

- 3. A building, street, sidewalk, paving stones, rip rap or similar material, as determined by the Director, can be used as a cover in lieu of fill that is tested and verified to not contain naturally occurring asbestos.
- 4. The Serpentinite Cover Plan, or the Closure Report, shall describe how institutional controls will be implemented to prevent future excavation of the naturally occurring asbestos containing fill. The institutional controls may include, but shall not necessarily be limited to, compliance with Article 31, these regulations and their dust control plan requirements, as applicable, and must demonstrate that they will effectively prevent generation of dust, including dust containing naturally occurring asbestos, during future construction.

V. SITE EVALUATION REPORT

A Site Evaluation Report must include a project description, site history, data evaluation and determination as to whether additional information is necessary to adequately characterize the Prescribed Subsurface Activity Area prior to permit issuance as described below. All data must be provided in a form compatible with GIS, to the extent feasible. As described in Article 31 Section 3114 (a) (1), a Site Evaluation Report for a Prescribed Subsurface Activity Area that has an existing approved Closure Report and maps verifying placement of fill, as required, must include the project description information and a statement about the approved Closure Report and comply with the other requirements included in Article 31 (but need not include a site history, data evaluation, statement of adequate characterization, etc). As described in subdivision (A)(6) below, a Site Evaluation Report for a Prescribed Subsurface Activity Area subject to a durable cover requirement must include the project description information, reference appropriate CERCLA documents

1	and comply	with th	ne othe	r requirements	included in Article 31 (but need not include a site
2	history, data	a evalu	ation,	statement of ac	dequate characterization, etc.).
3	Α.	<u>Mini</u>	num S	tandards for th	e Contents of the Site Evaluation Report.
4	In ad	dition	to those	e requirements	listed in Article 31, the Site Evaluation Report shall
5	conta	ain all d	of the fo	ollowing, unles	s otherwise specified by the Director:
6	1.	Proje	ect des	cription, which	must include:
7		a.	Bloc	k and lot numb	ers and address(es) of the proposed project and any
8	subparcel d	esigna	tion;		
9		b.	The	permit being a	pplied for, if any;
10		C.	The	permit agency	and application number assigned to the project, if
11	applicable;				
12		d.	The	proposed work	plan for the Prescribed Subsurface Activity Area,
13	cross-refere	encing	the Hu	nters Point Shi	pyard Redevelopment Plan and showing intended
14	land uses.				
15		e.	The	name, address	, and phone number of the following:
16			(i)	Contractor(s);
17	•		(ii)	Property Ow	ner(s);
18	•		(iii)	Project Coor	dinator(s) or Expediter(s);
19			(iv)	Architect(s);	and
20			(v)	Site Evaluati	on Preparer(s)
21		f.	A plo	t map, to scale	e, of the proposed project, proposed land uses, and
22	the Prescrib	ed Sul	bsurfac	e Activity Area	. This plot map must include, but is not limited to, the
23	following:				
24			(i)	SCALE:	200 ft to 1 inch Minimum; and
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1			(ii)	LOCATION(S) of all previous buildings and potentially
2			contan	ninating uses.
3		g.	A deta	iled description of the Prescribed Subsurface Activity Area,
4	including but	not lim	ited to:	
5	į.	(i)	Lineal	foot dimensions (i.e. length, width, and depth);
6	·	(ii)	Any ex	cavation or disturbance of soils during all phases of construction -
7		both o	nsite a	nd within the sidewalk(s) adjacent to project;
8		(iii)	Planne	ed landscaping, if any, during or after major construction is
9		compl	eted; a	nd
0		(iv)	The re	lationship of the Prescribed Subsurface Activity Area to
1		the tot	tal proje	ect and the perimeter of the property line.
2		h.	A line	showing a 1,000 foot radius from the closest former landfill
3		dispos	sal area	, if applicable. The Director will provide the Applicant with the
4		most o	current	data available to the Director on former landfill disposal areas.
15	2.	Site hi	istory, v	which must include a summary of land use, location and years of
16	existence of the	he bui	ldings,	structures or operations, suspected chemical substances used or
7	produced with	n proba	able ye	ars of use and production, and identification of previous
18	environmenta	linves	stigation	ns and remediation for the Prescribed Subsurface Activity Area.
19	The report mu	ıst be	prepare	ed based on the following list of core documents available as part
20.	of the Adminis	strative	e Recoi	rd for the Hunters Point Shipyard Site (located at the City of San
21	Francisco's M	lain Lil	brary, 1	00 Larkin Street). The core documents include:
22		a.	Final E	Basewide Environmental Baseline Survey, Revision 01,
23		Septe	mber 4	1998
24		b.	Draft F	inal Parcel A Remedial Investigation Report, September 22, 1995
25		C.	Parcel	specific Record of Decision (ROD) that describes the Prescribed

1	Subsurface Activity Area. Currently the following RODs exist:
2	 Parcel A ROD, dated November 16, 1995
3	 ROD Amendment for Parcel B, dated January 2009
4	 ROD for Parcel D-1, dated September 2009
5	ROD for Parcel G, dated February 2009
6	ROD for Parcel UC-1, dated August 2009
7	 ROD for Parcel UC-2, dated in December 2009.
8	d. Parcel specific Finding of Suitability for Transfer (FOST) or Early
9	Transfer that describes the Prescribed Subsurface Activity Area. The Parcel
10	Finding of Suitability to Transfer was published on October 14, 2004.
11	e. Final Historical Radiological Assessment, Volume II dated August 31,
12	2004.
13	f. Parcel specific Remedial Design Documents that exist for the Prescribed
14	Subsurface Activity Area. Currently the following Remedial Design documents exist
15	 Final IR7/18 Remedial Design dated January 2010
16	 Draft Parcel B Remedial Design dated February 2010
17	Draft Parcel G Remedial Design dated February 2010
18	3. Data Evaluation, which must include a summary of existing soil and
19	groundwater information and data, chemical plume maps and hydraulic gradient maps for
20	each Prescribed Subsurface Activity Area. This data must be compared to the values liste
21	in Table 1.
22	4. A determination of whether the sample results are greater than the values in
23	Table 1. This determination need not be a direct comparison but may include the same or
24	equivalent data analysis/methodology used by the Navy in evaluating the Hunters Point
25	Shipyard, including statistical analysis, risk assessments and risk management.

1	5. The Applicant must demonstrate that the Prescribed Subsurface Activity Area to
2	adequately characterized. In making this determination the Applicant shall use one of the
3	following methods or an alternative method, providing the rationale for such determination:
4	a. Existing sampling data.
5	A. Number of samples based on existing data meets the grid size of
6	no greater than 75 feet for a lot size of 100 feet by 125 feet or no greater than 150 feet for lot
7	size exceeding 100 feet by 125 feet for each Prescribed Subsurface Activity Area.
8	B. For former subsurface Navy utility lines: 1 sample every 150
9	linear feet
10	C. Samples were collected at one foot less than the proposed depth
11	of the excavation/grading and at a minimum of one sample for each 5-foot vertical interval.
12	D Samples were tested for chemicals of concern.
13	b. For Tier I areas, the Applicant may make this determination by
14	demonstrating that the criteria for Tier I areas is met.
15	c. For Tier II areas, if the Applicant determines that potential unknown
16	hazardous substances of concern can be identified through visual observation during the
17	activity requiring the permit (e.g., grading or excavation), the Applicant shall submit, for
18	approval by the Director, a protocol setting forth the steps that will be taken to visually identif
19	those hazardous substances during the subsurface activity; sampling and analysis;
20	management methods; record-keeping and reporting; and other appropriate measures that
21	will be taken if hazardous substances are identified during the subsurface activity. Based on
22	concurrence with the determination and approval of the protocol, the Director shall provide
23	written notification to the Applicant and the permit-issuing agency that the Applicant has
24	complied with the requirements of Article 31.
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1		6.	Notwithstanding the previous subdivisions, an Applicant submitting a Site			
2	Evalu	ation R	eport for property with a durable cover requirement may reference the ROD			
3	prepared under CERCLA for the parcel in which the Prescribed Subsurface Activity Area is					
4	locate	d, or of	ther core documents listed above containing relevant site history and data for the			
5.	Presc	ribed S	ubsurface Activity Area, in lieu of the submissions otherwise required under			
6	subdi	visions	2 through 5 of this subsection.			
7	B.	Site E	valuation Report Certification Statement.			
8		The S	ite Evaluation Report shall contain a certification statement from the Site			
9	Evalu	ation R	eport preparer(s), that, "In my professional judgment and in accordance with			
10	stand	ards of	practice for my profession, the Site Evaluation Report, including the			
11	deterr	ninatio	n of whether additional information is needed to adequately characterize the			
12	area	(as app	olicable), contains all required information, meets the requirements of all			
13	applic	able la	w and properly evaluates the required information."			
14			·			
15	VI.	SCO	PE OF WORK TO COLLECT ADDITIONAL INFORMATION AND/OR DATA			
16		If the I	Director, upon review of the Site Evaluation Report for any unrestricted			
17	reside	ntial pr	operty determines that additional information and/or data is necessary then			
18	Applic	ant mu	st prepare and submit for the Director's approval a scope of work to collect			
19	additional information and/or data. Unless approved by the Director, soil samples must be					
20	collec	ted and	analyzed for all applicable constituents of concern which exceed the Table 1			
21	values	3.				
22		A.	Minimum Standards for the Contents of the Scope of Work.			
23			The Scope of Work shall contain the following:			
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1	1.	A plot map, t	o scale, of the Prescribed Subsurface Activity Area that has been
2	determined	to require addi	tional investigation. This plot map must include, but is not limited
3	to, the follow	ving:	
4	-	SCALE:	50 ft to 1 inch Minimum (unless another scale has been
5			previously approved for use)
6		LOCATION(S)	of all previous uses
7		LOCATION(S)	of Prescribed Subsurface Activity Area
8		LOCATION(S)	of previous (historical) and proposed sampling bores and depths
9	2.	A discussion	of the type (discrete or composite) and number of samples to be
10	taken and th	e rationale be	hind the sample location, sample type and number proposed.
11	a.	Number of sa	amples must meet a grid size of no greater than 75 feet for a lot
12	size of 100 f	eet by 125 fee	t or no greater than 150 feet for lot size exceeding 100 feet by 125
13	feet for each	Prescribed S	ubsurface Activity Area.
14	b.	For former N	avy subsurface utility lines, one sample every 150 linear feet.
15	c.	Any alternati	ve plan, if proposed, must be accompanied by the rationale for
16	such	proposal.	
17	3.	A discussion	with rationale of field sampling protocol and quality
18	assurance/q	uality control p	procedures.
19	4.	A Health And	Safety Plan supporting the collection of additional information
20	and/or data,	if not already	detailed in the Site Specific Health and Safety Plan already
21	submitted.		
22	B.	Requirement	s Related to Lead Based Paint in Soil
23	For u	nrestricted res	idential property, soil in areas that undergo demolition of lead
24	based paint	impacted build	lings must be sampled in accordance with HUD Guidelines
25	Chapter 5, p	age 24 and 25	or http://www.hud.gov/offices/lead/lbp/hudguidelines/Ch05.pdf

1	using a 400 ppm standard for all areas rather than the standard otherwise applicable using
2	Table 1. A plan for collection and analysis of soil samples for lead must be submitted as a
3	Scope of Work to Collect Additional Information. For all HPS property, if all soil in areas that
4	undergo demolition of lead based paint impacted buildings is subject to a durable cover or an
5	engineered cap deed restriction or covenant to restrict use of property, then no further action
6	is required. If this durable cover or engineered cap deed restriction or covenant to restrict
7	use of property is removed and if the reuse is changed to unrestricted residential reuse then

C. Scope of Work to Collect Additional Information Certification Statement.

a plan for collection and analysis of soil samples for lead shall be submitted.

The Scope of Work to collect additional information shall include a statement from the Scope of Work preparer(s), that, "In my professional judgment and in accordance with the standards of practice for my profession the Scope of Work to Collect Additional Information describes the conditions for the Prescribed Subsurface Activity Area, contains all required information, meets the requirements of all applicable law and properly evaluates the required information."

VII. SUPPLEMENTAL SITE EVALUATION REPORT

A Supplemental Site Evaluation Report must be prepared following implementation of the Scope of Work to Collect Additional Information and/or Data.

- A. <u>Minimum Standards for the Contents of the Supplemental Site Evaluation</u>

 Report.
- 1. The Supplemental Site Evaluation Report shall contain the following with all data provided in a form compatible with the GIS, to the extent feasible:

1	 a. A scale map with sample locations plotted with contaminants at 				
2	concentrations exceeding the values listed in Table 1, respective concentrations, and depths				
3	indicated, and showing proposed land uses;				
4	b. On the map, or a separate table, a comparison of the laboratory results				
5	and the analyte appropriate value of constituents of concern compared to the values listed in				
6	Table 1.				
7	c. An analysis of all of the information and/or data in the Prescribed				
8	Subsurface Activity Area:				
9	(i) a determination of whether the Prescribed Subsurface Activity Area is				
10	adequately characterized;				
11	(ii) a determination of whether the sample results are greater than the				
12	values listed in Table 1. This determination need not be a direct comparison but may include				
13	the same or equivalent data analysis/methodology used by the Navy in performing the				
14	cleanup of the Hunters Point Shipyard, including statistical analysis, risk assessments and				
15	risk management.				
16	B. <u>Supplemental Site Evaluation Report Certification Statement</u> .				
17	The Supplemental Site Evaluation Report shall include a statement from the preparer				
18	that, "In my professional judgment and in accordance with standards of practice for my				
19	profession, the Supplemental Site Evaluation Report describes the conditions for the				
20	Prescribed Subsurface Activity Area, contains all required information, meets the				
21	requirements of all applicable law and properly evaluates the required information."				
22					
23	VIII. RISK EVALUATION REPORT				
24	In unrestricted residential property, if the Applicant wishes to retain soil which has				
25	been required to be evaluated under the Site History and Data Evaluation Process that				

- 1 exceeds the values in Table 1 in the Prescribed Subsurface Activity Area or elsewhere within
- 2 unrestricted residential property, the Applicant shall prepare a Risk Evaluation Report, which
- 3 may be combined with the Site Mitigation Plan. The Risk Evaluation Report must conclude
- 4 that the property may be used for unrestricted residential use consistent with the FOST for
- 5 the unrestricted residential property. The Risk Evaluation Report may use the same or
- 6 equivalent data analysis/methodology used by the Navy during the cleanup of the Hunters
- 7 Point Shipyard.

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IX. SITE MITIGATION PLAN

- 10 A. When required. The Applicant must prepare a Site Mitigation Plan if the
 11 Applicant wishes to retain soil that exceeds the values in Table 1 within the unrestricted
- 12 residential property.
- B. <u>Minimum Standards for the Contents of the Site Mitigation Plan</u>. The Site
- 14 Mitigation Plan shall contain the following:
- 1. A detailed description of the contemplated mitigation measures, including, if
- 16 necessary, a Dust Control Plan, an Unknown Contaminant Contingency Plan, Disposal Plan,
- 17 Site Specific Health And Safety Plan, and Soil Importation Plan and deed notice language (if
- 18 necessary).
- 19 2. If Applicant determines that no mitigation measures are necessary then the
- 20 rationale for such determination.
- 21 3. A list of requirements for all future contractors/owners/developers to include in
- their written Health and Safety Plan for all site workers who may be exposed to hazardous
- 23 soils left in-place.
- 24 C. <u>Site Mitigation Plan Certification Statement</u>.

The Site Mitigation Plan shall include a statement from the preparer that, "In my professional judgment and in accordance with standards of practice for my profession, either no mitigation is required or the mitigation measures identified, if completed, will mitigate the significant environmental or health and safety risks caused or likely to be caused by the contamination left in the soil and that the property may be used for unrestricted residential use."

X. CLOSURE REPORT

A closure report must be prepared following completion of activities authorized by a permit subject to Article 31.

- A. Minimum Standards for the Contents of the Closure Report. The Closure Report shall list the permit numbers (i.e. from DBI, DPW or DPH) or assigned Article 31 case numbers covered by the Closure Report and describe how and when the Dust Control Plan, Unknown Contaminant Contingency Plan, Disposal Plan, Site Specific Health And Safety Plan, Soil Importation Plan, Foundation Support Piles Installation Plan, Serpentinite Cover Plan, and Site Mitigation Plan, as applicable, were implemented and any changes that were made during implementation. The Report shall include any drawings, figures and pictures necessary. The Closure Report must include completed tracking spreadsheets (or equivalent) for disposal of excavated soil. The Closure Report shall include all environmental sampling data in a form compatible with GIS, to the extent feasible.
 - B. Closure Report Certification Statement.

The Closure Report shall include a statement from the preparer that, "In my professional judgment the control, safety, and mitigation measures identified in the Dust Control Plan, Unknown Contaminant Contingency Plan, Disposal Plan, Site Specific Health And Safety Plan, Soil Importation Plan, Foundation Support Piles Installation Plan,

1	Serpentinite Cover Plan, and Site Mitigation Plan, as applicable, and all other requirements
2	of applicable law were implemented as described in this report and in accordance with
3	standards of practice for my profession."
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5	XI. MAPS.
6	To assist with compliance with the ordinance and these regulations, the attached ma
7	shows the Parcel boundaries, the historic fill areas, former landfill disposal sites and a line
8	representing the 1,000 foot perimeter from those landfill sites. For unrestricted residential
9	property, the map illustrates the Navy utility lines suspected to still be in place on the
10	property.
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13	By: Mhull /
14	Dr. Mitchell Katz
15	Director, San Francisco Department of Public Health
16	
17	Resolution No.
18	
19	
20	By: M
21	Mark Morewitz
22	Executive Secretary to the Health Commission
23	
24	
25	