Attachment
OCHCA Response Letters

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REGULATORY/MEDICAL HEALTH SERVICES
ENVIRONMENTAL HEALTH

May 22, 2020

Carlos Marquez
City of Huntington Beach
200 Main Street
Huntington Beach, CA 92648

Subject: Site Summary and Recommendations

Re: Cameron Ln. Property (APN 167-042-08)
17631 Cameron Lane
Huntington Beach, CA 92647
OCHCA Case #20IC002

BACKGROUND

The project site (Site) is a 0.79 acre unpaved lot with a vacant single family home within an area of mixed commercial and residential use that is bounded by commercial properties to the north, an unpaved vacant property to the south, Beach Boulevard to the west and Cameron Lane to the east in the City of Huntington Beach, California. The future planned use of the Site is an asphalt-paved lot with a large tent structure to provide temporary shelter for people experiencing homelessness, as ordered by the Governor's Executive Order N-32-20, issued by Governor Newsom on March 18, 2020. Investigations of the Site were conducted by EEC Environmental (EEC) in several phases to assess the presence of contaminants that may have impacted the Site. Contaminants of concern found in soil at the Site were pesticides, hexavalent chromium and lead. On April 22, 2020, Orange County Health Care Agency (OCHCA) was contacted by the City of Huntington Beach requesting OCHCA review of EEC's Phase I report and assessment reports. On April 27, 2020 the City of Huntington Beach entered into a Remedial Action Agreement with the OCHCA for oversight at the above referenced site (Case No. 20IC002). As such, OCHCA has prepared this site summary and recommendations for the Site.

SITE INVESTIGATION AND LIMITED EXCAVATION

According to EEC's March 2020 Phase I report, the Site consists of one residential home that was built in 1947 and indicated past row crop agricultural use from the 1930s to the 1950s. Subsurface investigations of the Site were conducted from April 6, 2020 through May 11, 2020. On April 6, 2020 a total of six soil borings (B1 through B6) were advanced throughout the Site at depths ranging from 0.5 to 3 feet (ft) below ground surface (bgs). Soil samples were submitted for analysis of Title 22 Metals (metals) including hexavalent chromium, organochlorine pesticides (OCPs) and chlorinated herbicides. Samples with contaminant concentrations that exceed background and screening levels[1] were found at the Site. Lead was identified in one soil sample (B4 at 0.5 ft bgs) at a concentrations of 101 milligrams per kilograms (mg/kg) near the current vacant single family residential home. Toxaphene was identified in one soil sample (B6 at 0.5 ft bgs) in the western portion of the site at a concentration of 770 micrograms per kilogram (ug/kg). Hexavalent chromium was detected in soil samples from boring locations B4, B5 and B6 with a maximum concentrations detected at 820 ug/kg (B6 at 3 ft bgs). All other analytes were below background and screening levels.

Based on these findings, EEC two excavations were dug on April 13, 2020, to remove 2.78 cubic yards of contaminated soil which has been stored in drums on site pending disposal. Confirmation soil samples were collected on April 13, 2020 from the excavation sidewalls and bottoms (B11 through B18). Soil samples were submitted for analysis of lead and OCPs. Results of confirmation sampling around soil boring location B4 indicated that elevated lead concentrations were removed and remaining soil is below residential screening levels[2]. Results of confirmation soil sampling around soil boring location B6 indicated that toxaphene impacts were still present. Soil borings (B7 through B10, B26 through B32, B4B, B5A, B6B, B7A, B8A, B9A and B10A) were also drilled and sampled between April 13 and May 11, 2020 to depths ranging from 0.5 to 8 ft bgs to further delineate impacts at the Site. Soil samples were submitted for analysis of metals including hexavalent chromium, OCPs and chlorinated herbicides. Toxaphene was detected in five soil samples at 0.5 ft bgs (B7, B10, B11, B29 and B32) with a maximum concentration of 1,600 ug/kg. and 4,4 dichlorodiphenyldichloroethylene (DDE) was identified in one soil sample (B-7 at 0.5 ft bgs) at a concentration of 3,100 ug/kg. Hexavalent chromium was detected in nine soil borings at depths ranging from 0.5 to 8 ft bgs. (B4B, B5A, B6B, B7, B7A, B8, B9, B9A and B10) with a maximum concentration of 980 ug/kg. All other analytes were below background and screening levels[3]. In addition, three grab groundwater samples were collected at locations GW-1, GW2 and GW-3 on May 11, 2020. Groundwater samples were submitted for hexavalent chromium analysis and were not detected above the reporting limits of 0.028 micrograms per liter (ug/L). All sampling and assessment was conducted by prior to the initiation of OCHCA oversight, however all of the data was provided to OCHCA and additional sample analysis occurred following our involvement.

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[1] USEPA, Region 9, Regional Screening Levels (residential exposure scenario), November 2019; Department of Toxic Substances Control Human and Ecological Risk Assessment (HHRA), Note 3, April 2019, University of California, Kearney Foundation for Soil Science, Background Concentrations of Trace and Major Elements in California Soils, March 1996.

[2] Ibid.

[3] Ibid.

Table 1 – Nature & Degree of Site Contamination

Contaminant	Maximum Site Detection and Sample Identification	Regulatory Screening Level (Residential Scenario)
Lead	101 mg/kg B4-0.5 (removed during excavation)	DTSC Hero Note 3r- 80 mg/kg
Hexavalent Chromium	980 ug/kg B9A-5.0	DTSC Hero Note 3r- 300 ug/kg
4,4 DDE	3,100 ug/kg B7-0.5	RSLr- 2,000 ug/kg
Toxaphene	1,600 ug/kg B7-0.5	DTSC Hero Note 3r- 450 ug/kg

CONCLUSION AND RECOMMENDATION

Several phases of investigation were conducted at the Site, results of which showed the presence of 4,4 DDE, toxaphene and hexavalent chromium in excess of site screening levels and to a lesser extent lead in soil. Based on OCHCA's review of the information noted above, soil impacts located beneath the proposed asphalt cover are not considered to be a threat to the occupants of the temporary tent structure. Soil contamination however, must be addressed if changes to site use occur. Additional site assessment may also be required if changes to site use occur. It is the property owner's responsibility to notify this Agency if there is any change in site use and/or if there are future findings of additional contamination at the Site. Additionally, any excavated soil for tent structure installation must be managed, handled, and disposed of properly, in accordance with all regulatory requirements to minimize exposure to workers and the community.

If you have any questions regarding this matter, please contact me at (714) 433-6011.

Sincerely,

Anthony F. Martinez, CEG #2255
Program Manager
Hazardous Materials Mitigation Section
Environmental Health Division

cc: Health Care Agency
David Ahern, OC Public Works
David Bernier, EEC

EXECUTIVE DEPARTMENT
STATE OF CALIFORNIA

EXECUTIVE ORDER N-32-20

WHEREAS on March 4, 2020, I proclaimed a State of Emergency to exist in California as a result of the threat of COVID-19; and

WHEREAS despite sustained efforts, the virus continues to spread and is impacting nearly all sectors of California; and

WHEREAS in the past two years, the State of California has allocated $1.15 billion to local partners through the Homeless Emergency Aid Program and the Homeless Housing, Assistance, and Prevention Program, funding intended to provide for a variety of programs and facilities aimed at combatting homelessness; and

WHEREAS on March 17, 2020, I signed Senate Bill 89, emergency legislation that authorizes $500 million in immediately available funding to help California fight COVID-19 for any purpose related to the March 4, 2020 proclamation of a State of Emergency, including to support local governments to protect the health and safety of homeless populations, reduce the spread of COVID-19 in homeless populations, and provide safe beds for people experiencing homelessness; and

WHEREAS the emergency of COVID-19 necessitates a more focused approach, including emergency protective measures to bring unsheltered Californians safely indoors, expand shelter capacity, maintain health and sanitation standards and institute medically indicated interventions, and add new isolation and quarantine capacity to California's shelter and housing inventory to slow the spread of the pandemic; and

WHEREAS under the provisions of Government Code section 8571, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay appropriate actions to prevent and mitigate the effects of the COVID-19 pandemic.

NOW, THEREFORE, I, GAVIN NEWSOM, Governor of the State of California, in accordance with the authority vested in me by the State Constitution and statutes of the State of California, and in particular, Government Code sections 8567 and 8571, do hereby issue the following order to become effective immediately:

IT IS HEREBY ORDERED THAT:

1) To the limited extent that any part of Health & Safety Code section 50214, subdivision (a), restricts a local jurisdiction from expending Homeless Emergency Aid Program funds on preparing for and addressing the impacts of the COVID-19 pandemic on homeless individuals, including through implementing guidance from the Department of Public Health on hand and respiratory hygiene and protective congregate living protocols, and providing isolation and quarantine capacity, that part is suspended.

2) To the limited extent that any part of Health & Safety Code section 50219, subdivision (c), restricts a local jurisdiction from expending Homeless Housing, Assistance, and Prevention Program funds on preparing for and addressing the impacts of the COVID-19 pandemic on homeless individuals, including through expanding shelter and housing services and capacity, that part is suspended.

3) Division 13 (commencing with section 21000) of the Public Resources Code and regulations adopted pursuant to that Division are suspended for any project using Homeless Emergency Aid Program funds, Homeless Housing, Assistance, and Prevention Program funds, or funds appropriated in Senate Bill 89, signed on March 17, 2020.

IT IS FURTHER ORDERED that as soon as hereafter possible, this Order be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this Order.

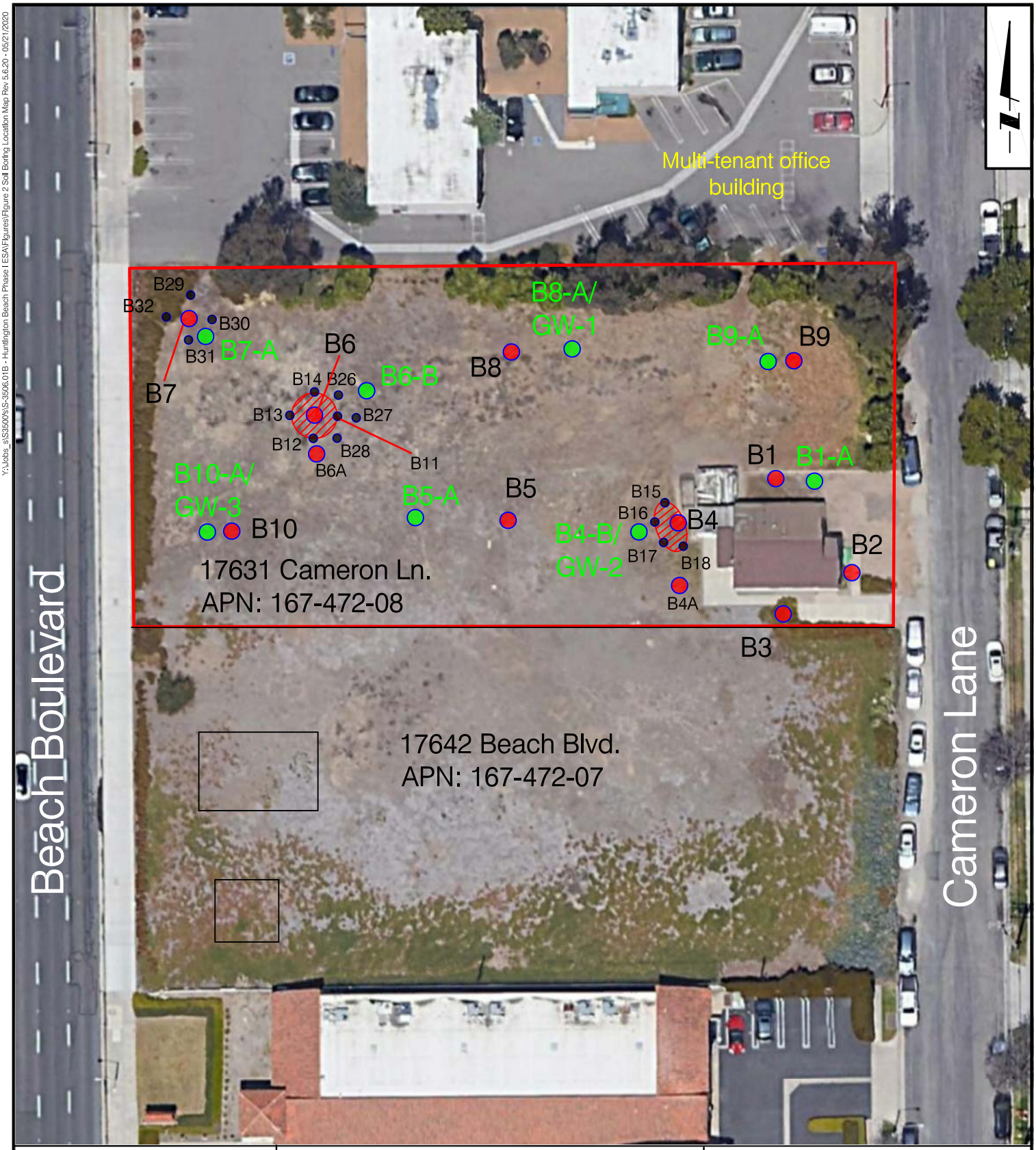
This Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 18th day of March 2020.

GAVIN NEWSOM
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State



EEC ENVIRONMENTAL

LEGEND

- Subject Property Boundary
- Soil Boring
- Step-out Soil Borings (B11-B18, B26-B32) 4/13/20 and 4/16/20
- Soil Boring with 3 Groundwater Sample locations
- Excavation (red=completed; blue = proposed)

0 40 80 FEET
APPROXIMATE SCALE

SOIL BORING LOCATION MAP
17631 Cameron Ln.
Huntington Beach, California

Date	Drafter	PE/PG	Project Number	Figure
May 21, 2020	LH	DB	S-3506.02B	2
Base map source: Google		PM LH	File S3506-2020-ESA-02	

Y:\Jobs_st\S3500's\S-3506.01B - Huntington Beach Phase I ESA\Figures\Figure 2 Soil Boring Location Map Rev 5.6.20 - 05/21/2020

Table 1, Summary of Soil Analytical Results - Metals
17631 Cameron Lane
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Thallium (mg/Kg)	Vanadium (mg/Kg)	Zinc (mg/Kg)	Mercury (mg/Kg)	Hexavalent Chromium (µg/Kg)
			USEPA Method 6010B																USEPA Method 7471A	USEPA Method 7199
B1-0.5	0.5	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**44.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B1-3.0	3.0	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.23**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B1A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B2-0.5	0.5	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**15.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B2-3.0	3.0	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.52**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3-.05	0.5	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**5.29**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3-3.0	3.0	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**2.57**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4-0.5	0.5	04/6/2020	**4.61**	**10.3**	**150**	**0.760**	**2.11**	**21.6**	**9.81**	**38.0**	**101**	ND<0.260	**17.4**	ND<0.781	ND<0.260	ND<0.781	**40.1**	**240**	**0.210**	**500 J**
B4-3.0	3.0	04/6/2020	ND<0.735	**2.56**	**81.1**	**0.922**	ND<0.490	**17.3**	**7.60**	**6.29**	**2.81**	**0.696**	**12.7**	ND<0.735	ND<0.245	ND<0.735	**35.9**	**35.1**	ND<0.0794	**290 J**
B4B-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**350 J**
B4B-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**300 J**
B4B-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**380 J**
B4B-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**330 J**
B4B-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**410 J**
B5-0.5	0.5	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**17.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B5-3.0	3.0	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**2.43**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B5A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**300 J**
B5A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**540**
B5A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**330 J**
B5A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**580**
B5A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200 J**
B6-0.5	0.5	04/6/2020	ND<0.785	**8.44**	**113**	**1.12**	**1.00**	**23.1**	**10.7**	**20.3**	**7.62**	**0.617**	**16.7**	ND<0.785	ND<0.262	ND<0.785	**48.7**	**75.3**	ND<0.0806	**290 J**
B6-3.0	3.0	04/6/2020	ND<0.769	**3.27**	**81.5**	**0.858**	ND<0.513	**14.0**	**6.43**	**10.3**	**12.8**	**0.712**	**12.0**	ND<0.769	ND<0.256	ND<0.769	**31.1**	**45.2**	ND<0.0847	**820**
B6B-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**570**
B6B-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**430**
B6B-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**620**
B6B-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**350 J**
B6B-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B7-0.5	0.5	04/13/2020	**1.0**	**3.67**	**50.9**	ND<0.248	**0.748**	**9.5**	**3.44**	**17.8**	**30.0**	**0.422**	**6.41**	ND<0.743	**0.311**	ND<0.743	**13.2**	**97.1**	**0.245**	NA[1]
B7-3.0	3.0	04/13/2020	**1.37**	ND<0.754	**54.1**	**0.437**	ND<0.503	**7.48**	**6.71**	**6.16**	**5.16**	ND<0.251	**6.34**	ND<0.754	ND<0.251	ND<0.754	**19.8**	**16.0**	**0.0817**	**380 J**
B7A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<1,000
B7A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B7A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**420**
B7A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**270 J**
B7A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**330 J**
USEPA RSLs for Soil - Residential (µg/kg) [2]			*31*	*0.68*	*15,000*	*1,600*	*71*	*120,000*	*23*	*3,100*	*82*	*390*	*1,500*	*390*	*390*	*0.78*	*390*	*23,000*	*23*	*300* [4]
DTSC SL for Soil - Residential (µg/kg) [3]			*--*	*0.11*	*--*	*16* [3]	*910*	*--*	*--*	*--*	*80* [3]	*--*	*820* [3]	*--*	*--*	*--*	*--*	*--*	*1.0* [3]	*300* [4]

Table 2, Summary of Soil Analytical Results - Pesticides and Herbicides
17631 Cameron Lane
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	4,4'-DDD (µg/Kg)	4,4'-DDE (µg/Kg)	4,4'-DDT (µg/Kg)	alpha-Chlordane (µg/Kg)	Chlordane (µg/Kg)	Dieldrin (µg/Kg)	Toxaphene (µg/Kg)	Other Pesticides	Herbicides
			Pesticides - USEPA Method 8081A								USEPA Method 8151A
B1-0.5	0.5	04/6/2020	ND<5.0	10	5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B1-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B2-0.5	0.5	04/6/2020	12	360	180	ND<1.0	ND<25	5.0	ND<25	ND	NA
B2-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B3-.05	0.5	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B3-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B4-0.5	0.5	04/6/2020	ND<5.0	43	22	6.7	33	2.8	ND<25	ND	NA
B4-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B4A-0.5	0.5	04/28/2020	NA	NA	NA	NA	NA	NA	NA	NA	ND
B4A-3.0	3.0	04/28/2020	NA	NA	NA	NA	NA	NA	NA	NA	ND
B5-0.5	0.5	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B5-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B6-0.5	0.5	04/6/2020	ND<25	1,400	350	7.2	54	ND<1.0	770	ND	NA
B6-3.0	3.0	04/6/2020	ND<5.0	18	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B6A-0.5	0.5	04/28/2020	NA	NA	NA	NA	NA	NA	NA	NA	ND
B6A-3.0	3.0	04/28/2020	NA	NA	NA	NA	NA	NA	NA	NA	ND
B7-0.5	0.5	04/13/2020	32	3,100	1,300	ND<1.0	ND<25	ND<1.0	1,600	ND	ND
B7-3.0	3.0	04/13/2020	ND<5.0	16	6.6	ND<1.0	ND<25	ND<1.0	ND<25	ND	ND
B8-0.5	0.5	04/13/2020	ND<5.0	270	63	ND<1.0	ND<25	1.5	110	ND	NA
B8-3.0	3.0	04/13/2020	ND<5.0	13	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B9-0.5	0.5	04/13/2020	ND<5.0	17	9.6	ND<1.0	ND<25	ND<1.0	ND<25	ND	ND
B9-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	ND
B10-0.5	0.5	04/13/2020	ND<5.0	770	410	1.8	ND<25	ND<1.0	500	ND	ND
B10-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	ND
B11-0.5	0.5	04/13/2020	13	1,900	610	1.5	ND<25	ND<1.0	1,200	ND	NA
B11-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B12-0.5	0.5	04/13/2020	5.7	240	100	ND<0.99	ND<25	1.6	59	ND	NA
B12-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<0.99	ND<25	ND<0.99	ND<25	ND	NA
B13-0.5	0.5	04/13/2020	16	500	100	ND<1.0	ND<25	2.5	180	ND	NA
B13-3.0	3.0	04/13/2020	ND<5.0	7.7	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B14-0.5	0.5	04/13/2020	8.2	110	53	ND<0.98	ND<25	ND<0.98	ND<25	ND	NA
B14-3.0	3.0	04/13/2020	ND<4.9	ND<4.9	ND<4.9	ND<0.98	ND<25	ND<0.98	ND<25	ND	NA
B15-0.5	0.5	04/13/2020	ND<4.9	ND<4.9	ND<4.9	ND<0.98	ND<25	ND<0.98	ND<25	ND	NA
B15-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<0.99	ND<25	ND<0.99	ND<25	ND	NA
B16-0.5	0.5	04/13/2020	ND<5.0	22	12	2.2	ND<25	ND<1.0	ND<25	ND	NA
B16-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B17-0.5	0.5	04/13/2020	ND<5.0	6.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B17-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B18-0.5	0.5	04/13/2020	ND<4.9	20	8.2	2.1	ND<25	ND<0.99	ND<25	ND	NA
B18-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	1.0	ND<25	ND<1.0	ND<25	ND	NA
B26-0.5	0.5	04/16/2020	ND<5.0	230	43	ND<1.0	ND<25	1.1	120	ND	NA
B26-3.0	3.0	04/16/2020	ND<5.0	29	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B27-0.5	0.5	04/16/2020	ND<5.0	220	52	ND<1.0	ND<25	ND<1.0	100	ND	NA
B27-3.0	3.0	04/16/2020	ND<5.0	400	77	ND<1.0	ND<25	ND<1.0	230	ND	NA
B28-0.5	0.5	04/16/2020	ND<5.0	420	130	ND<1.0	ND<25	2.6	180	ND	NA
B28-3.0	3.0	04/16/2020	ND<5.0	33	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B29-0.5	0.5	04/16/2020	95	1,000	360	2.5	ND<25	ND<1.0	940	ND	NA
B29-3.0	3.0	04/16/2020	ND<5.0	61	27	ND<1.0	ND<25	ND<1.0	37	ND	NA
B30-0.5	0.5	04/16/2020	38	460	120	2.4	ND<25	ND<1.0	410	ND	NA
B30-3.0	3.0	04/16/2020	ND<5.0	20	8.2	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B31-0.5	0.5	04/16/2020	11	650	130	2.1	ND<25	ND<1.0	380	ND	NA
B31-3.0	3.0	04/16/2020	ND<5.0	190	62	ND<1.0	ND<25	ND<1.0	120	ND	NA
B32-0.5	0.5	04/16/2020	93	1,600	440	ND<1.0	ND<25	ND<1.0	1,200	ND	NA
B32-3.0	3.0	04/16/2020	ND<5.0	85	33	ND<1.0	ND<25	ND<1.0	50	ND	NA
USEPA RSLs for Soil - Residential (µg/kg) (1)			*1,900*	*2,000*	*1,900*	*--*	*1,700*	*34*	*490*	*Varies*	*Varies*
DTSC SL for Soil - Residential (µg/kg) (2)			*2,300*	*--*	*--*	*--*	*--*	*--*	*450*	*Varies*	*Varies*

Key:
NA - Not analyzed
(a) = Enivronmental Protection Agency (EPA) Region IX Regional Screening Levels for Residential Soils
bgs = below ground surface
DTSC = California State Department of Toxic Substances Control
ESLs= Environmental Screening Levels
mg/kg = milligrams per kilogram
ND<X = not detected above the method detection limit
SL = Screening level
USEPA = United States Environmental Protection Agency
µg/kg = micrograms per kilogram

Notes:
(1) RSLs. November 2019 (Rev. 2) for soil.
(2) DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3, April 2019, Cancer endpoint value
-- = Note 3 References USEPA RSLs
Yellow highlighed results exceed RSL and SL

Table 3, Summary of Groundwater Analytical Results - Hexavalent Chromium
17631 Cameron Lane
Huntington Beach, California

Sample ID	Date	Hexavalent Chromium (µg/L)
		USEPA Method 218.6
GW-1	05/11/2020	ND<0.038
GW-2	05/11/2020	ND<0.038
GW-3	05/11/2020	ND<0.038
WS-1	05/11/2020	ND<0.038
WS-2	05/11/2020	**0.086 J**

Key:

J = Result is less than the reporting limit but greater than or equal to the method detection limit

mg/kg = micrograms per liter

ND<X = not detected above the reporting limit or method detection limit

USEPA = United States Environmental Protection Agency

WS-1 = Duplicate

WS-2 = Equipment blank

Table 1, Summary of Soil Analytical Results - Metals
17631 Cameron Lane
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Thallium (mg/Kg)	Vanadium (mg/Kg)	Zinc (mg/Kg)	Mercury (mg/Kg)	Hexavalent Chromium (µg/Kg)
			USEPA Method 6010B																USEPA Method 7471A	USEPA Method 7199
B8-0.5	0.5	04/13/2020	**0.913**	**1.83**	**54.3**	**0.372**	ND<0.513	**6.62**	**4.24**	**7.55**	**25**	ND<0.256	**5.86**	ND<0.769	ND<0.256	ND<0.769	**17.3**	**26.4**	ND<0.0820	**480**
B8-3.0	3.0	04/13/2020	**1.42**	**7.30**	**109**	ND<0.253	ND<0.505	**3.97**	**2.40**	**8.77**	**2.45**	**1.53**	**4.27**	ND<0.758	ND<0.253	ND<0.758	**9.2**	**14.6**	ND<0.0833	ND<200
B8A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<800
B8A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B8A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**250 J**
B8A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**240 J**
B8A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**210 J**
B9-0.5	0.5	04/13/2020	ND<0.739	**3.15**	**57.5**	**0.282**	ND<0.493	**5.45**	**3.55**	**8.26**	**9.59**	ND<0.246	**5.12**	ND<0.739	ND<0.246	ND<0.739	**14.3**	**22.3**	ND<0.0847	ND<200
B9-3.0	3.0	04/13/2020	ND<0.743	**2.16**	**56.5**	ND<0.248	ND<0.495	**4.23**	**2.66**	**4.9**	**3.33**	ND<0.248	**3.85**	ND<0.743	ND<0.248	ND<0.743	**10.9**	**12.4**	ND<0.0862	**360 J**
B9A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<800
B9A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**980**
B9A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**320 J**
B9A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B9A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B10-0.5	0.5	04/13/2020	**1.15**	**5.07**	**78.3**	**0.428**	ND<0.488	**9.51**	**5.03**	**18.5**	**47.3**	**0.260**	**12.5**	ND<0.732	ND<0.244	ND<0.732	**21.0**	**51.4**	ND<0.0862	**430**
B10-3.0	3.0	04/13/2020	ND<0.725	**1.55**	**40.0**	**0.378**	ND<0.483	**6.28**	**2.55**	**3.52**	**2.54**	**0.654**	**5.24**	ND<0.725	ND<0.242	ND<0.725	**22.6**	**14.2**	ND<0.0877	**310 J**
B10A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**270**
B11-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**10.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B11-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**2.44**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B12-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**19.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B12-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.07**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**18.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.02**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B14-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.64**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B14-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.57**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B15-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**11.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B15-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**10.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B16-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**9.86**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B16-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**5.05**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B17-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.08**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B17-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.06**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B18-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**10.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B18-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**11**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B26-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B27-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B28-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B28-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
USEPA RSLs for Soil - Residential (µg/kg) (2)			*31*	*0.68*	*15,000*	*1,600*	*71*	*120,000*	*23*	*3,100*	*82*	*390*	*1,500*	*390*	*390*	*0.78*	*390*	*23,000*	*23*	*300 (4)*
DTSC SL for Soil - Residential (µg/kg) (3)			*--*	*0.11*	*--*	*16 (3)*	*910*	*--*	*--*	*--*	*80 (3)*	*--*	*820 (3)*	*--*	*--*	*--*	*--*	*--*	*1.0 (3)*	*300 (4)*

Table 1, Summary of Soil Analytical Results - Metals
17631 Cameron Lane
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Thallium (mg/Kg)	Vanadium (mg/Kg)	Zinc (mg/Kg)	Mercury (mg/Kg)	Hexavalent Chromium (µg/Kg)
			USEPA Method 6010B																USEPA Method 7471A	USEPA Method 7199
B29-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B29-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B30-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B30-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B31-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B31-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<800
B32-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B32-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
USEPA RSLs for Soil - Residential (µg/kg) [2]			*31*	*0.68*	*15,000*	*1,600*	*71*	*120,000*	*23*	*3,100*	*82*	*390*	*1,500*	*390*	*390*	*0.78*	*390*	*23,000*	*23*	*300* [4]
DTSC SL for Soil - Residential (µg/kg) [3]			*--*	*0.11*	*--*	*16* [3]	*910*	*--*	*--*	*--*	*80* [3]	*--*	*820* [3]	*--*	*--*	*--*	*--*	*--*	*1.0* [3]	*300* [4]

Key:

NA - Not analyzed
(a) = Enivronmental Protection Agency (EPA) Region IX Regional Screening Levels for Residential Soils
bgs = below ground surface
RSLs= Regional Screening Levels
J = Result is less than the reporting limit but greater than or equal to the method detection limit
mg/kg = milligrams per kilogram
ND<X = not detected above the reporting limit or method detection limit
SL = Screening level
USEPA = United States Environmental Protection Agency
µg/kg = micrograms per kilogram

Notes:

(1) Sample was too small for analysis; B31 was selected as an alternate.
B31 was diluted due to the nature of the soil matrix.
(2) DTSC Human and Ecological Risk Office (HERO) Human Health Risk
Assessment (HHRA) Note 3, April 2019.
(3) Value is DTSC SL non-cancer endpoint
(4) RSL and SL were converted to µg/kg
-- = Note 3 SL not available or references USEPA RSLs
Yellow highlighed results exceed RSL and SL

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REGULATORY/MEDICAL HEALTH SERVICES
ENVIRONMENTAL HEALTH

August 21, 2020

Carlos Marquez
City of Huntington Beach
200 Main Street
Huntington Beach, CA 92648

Subject: **Site Summary and Recommendations**

Re: Beach Boulevard Property (APN 167-472-07)
17642 Beach Boulevard
Huntington Beach, CA 92647
OCHCA Case #20IC002

BACKGROUND

The project site (Site) is a 0.79 acre unpaved vacant lot in an area of mixed commercial and residential use. The Site is bounded by commercial properties to the south, Beach Boulevard to the west, Cameron Lane to the east, and the Cameron Ln. Property located at 17631 Cameron Lane (Cameron Ln Property) to the north. The Site and the Cameron Ln Property are both part of the current site development project and Orange County Health Care Agency (OCHCA) Industrial Cleanup Case No. 20IC002 (see attached Site Summary and Recommendations letter). The future planned use of the Site is an asphalt-paved lot with a large tent structure to provide temporary shelter for people experiencing homelessness, as ordered by the Governor's Executive Order N-32-20, issued by Governor Newsom on March 18, 2020. This Site is a continuation of the Cameron Ln. Property. Investigations of the Site were conducted by EEC Environmental (EEC) in several phases to assess the presence of contaminants that may have impacted the Site.

Contaminants of concern found in soil at the Site were hexavalent chromium and lead. On July 6, 2020, OCHCA was contacted by the City of Huntington Beach requesting OCHCA review of EECs June 25, 2020 Site Assessment Report for the Site referenced above. On April 27, 2020 the City of Huntington Beach entered into a Remedial Action Agreement with the OCHCA for oversight at the Cameron Ln. Property. On July 17, 2020 the City of Huntington Beach entered into a revised Remedial Action Agreement that included the Cameron Lane Property and the above referenced Site (Case No. 20IC002). As such OCHCA has prepared this Site Summary and Recommendations for the Site.

SITE INVESTIGATION

According to EEC's March 2020 Phase I report, the Site consists of two former single family residential homes, one irrigation well (OCWD well number W-4150/State well number 05S/11W-25M09), a cesspool that was abandoned in place and indicated past row crop agricultural use from the 1930s to the 1950s. Additionally, the Phase I report noted potential buried debris at the Site based on uneven topography. Subsurface investigations of the Site were conducted from April 14, 2020 through July 21, 2020. A total of seventeen soil borings (B19 through B25, B33 through B40, B19-A and B22-A) were advanced throughout the Site at depths ranging from 0.5 to 15 feet (ft) below ground surface (bgs). Select soil samples were submitted for analysis of Title 22 Metals (metals) including hexavalent chromium, organochlorine pesticides (OCPs), mercury, volatile organic compounds (VOCs), semi-VOCs, and total petroleum hydrocarbons (TPH). Samples with contaminant concentrations that exceeded screening levels[1] were found at the Site. Lead was detected in soil samples from soil boring locations B22, B33 and B35 with a maximum concentration detected at 145 milligrams per kilograms (mg/kg) near one of the the former single family residential home. Hexavalent chromium was detected in soil samples from boring locations B19, B36, B37, and B38 with a maximum concentrations detected at 450 ug/kg (B38 at 5 ft bgs). All other analytes were below background and current screening levels[2].

POTENIAL DEBRIS EXPLORATION AND EXCAVATION

A geophysical survey was conducted at the Site by SubSurface Surveys, under the supervision of a State Registered Geophysicist, on April 13, 2020. Based the geophysical survey, two areas of potential buried debris were identified. On July 22, 2020 limited investigation excavations with areas of approximately 8 ft by 7 ft by 2 ft deep were conducted under OCHCA oversight. A buried metal fence and old sewer pipe was discovered in one area of concern. Small pieces of metal debris were found in the second area of concern. No evidence of contamination was found during this investigation. Excavated soil was placed back in the small excavations and debris was left onsite for future disposal. The geophysical survey report erroneously indicates the site address as 17631 Cameron Lane in Huntington Beach, however, figure 3 and photographs 1 through 10 show the survey was conducted on the property at 17642 Beach Boulevard. The purpose of the geophysical survey was to locate and identify the existence of any underground storage tanks (USTs), backfilled excavations, piping, conduit, and other buried features that may exist within the survey area. Several inactive buried utility lines and areas with buried metal debris were identified across the site. However, no buried features were detected in the southeast corner of the site, where records indicate that a groundwater production well (State Well Number 05S/11W-25M09) had been located.

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[1] USEPA, Region 9, Regional Screening Levels (residential exposure scenario), May 2020; Department of Toxic Substances Control Human and Ecological Risk Assessment (HHRA), Note 3, June 2020, University of California, Kearney Foundation for Soil Science, Background Concentrations of Trace and Major Elements in California Soils, March 1996.

[2] [2] Ibid.

Table 1 – Nature & Degree of Site Contamination

Contaminant	Maximum Site Detection and Sample Identification	Regulatory Screening Level[3] (Residential Scenario)
Lead	145 mg/kg B33-0.5	DTSC Hero Note 3r- 80 mg/kg
Hexavalent Chromium	450 ug/kg B38-0.5	DTSC Hero Note 3r- 300 ug/kg

CONCLUSION AND RECOMMENDATION

Several phases of investigation were conducted at the Site, results of which showed the presence of lead and hexavalent chromium in excess of site screening levels. Based on OCHCAs review of the information noted above, soil impacts located beneath the proposed asphalt cover are not considered to be a threat to the occupants of the temporary tent structure. Soil contamination however, must be addressed if changes to site use occur. Additional site assessment may also be required if changes to site use occur. It is the property owner's responsibility to notify this Agency if there is any change in site use and/or if there are future findings of additional contamination at the Site. Additionally, any excavated soil for tent structure installation must be managed, handled, and disposed of properly, in accordance with all regulatory requirements to minimize exposure to workers and the community. If the irrigation well that had been installed in the southeast corner of the Site is encountered during grading or excavation, a well destruction permit must be obtained from this office.

If you have any questions regarding this matter, please contact the undersigned at (714) 433-6251.

Sincerely,

Tamara Escobedo

Tamara Escobedo
Engineering Geologist
Hazardous Materials Mitigation Section
Environmental Health Division

Anthony F. Martinez, EG #2255
Program Manager
Hazardous Material Mitigation Section
Environmental Health Division

CERTIFIED ENGINEERING GEOLOGIST
Anthony F Martinez
No. 2255
Exp. 6-30-2022
STATE OF CALIFORNIA

cc: Health Care Agency
David Ahern, OC Public Works
David Bernier EEC

[3] Ibid

EXECUTIVE DEPARTMENT
STATE OF CALIFORNIA

EXECUTIVE ORDER N-32-20

WHEREAS on March 4, 2020, I proclaimed a State of Emergency to exist in California as a result of the threat of COVID-19; and

WHEREAS despite sustained efforts, the virus continues to spread and is impacting nearly all sectors of California; and

WHEREAS in the past two years, the State of California has allocated $1.15 billion to local partners through the Homeless Emergency Aid Program and the Homeless Housing, Assistance, and Prevention Program, funding intended to provide for a variety of programs and facilities aimed at combatting homelessness; and

WHEREAS on March 17, 2020, I signed Senate Bill 89, emergency legislation that authorizes $500 million in immediately available funding to help California fight COVID-19 for any purpose related to the March 4, 2020 proclamation of a State of Emergency, including to support local governments to protect the health and safety of homeless populations, reduce the spread of COVID-19 in homeless populations, and provide safe beds for people experiencing homelessness; and

WHEREAS the emergency of COVID-19 necessitates a more focused approach, including emergency protective measures to bring unsheltered Californians safely indoors, expand shelter capacity, maintain health and sanitation standards and institute medically indicated interventions, and add new isolation and quarantine capacity to California's shelter and housing inventory to slow the spread of the pandemic; and

WHEREAS under the provisions of Government Code section 8571, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay appropriate actions to prevent and mitigate the effects of the COVID-19 pandemic.

NOW, THEREFORE, I, GAVIN NEWSOM, Governor of the State of California, in accordance with the authority vested in me by the State Constitution and statutes of the State of California, and in particular, Government Code sections 8567 and 8571, do hereby issue the following order to become effective immediately:

IT IS HEREBY ORDERED THAT:

1) To the limited extent that any part of Health & Safety Code section 50214, subdivision (a), restricts a local jurisdiction from expending Homeless Emergency Aid Program funds on preparing for and addressing the impacts of the COVID-19 pandemic on homeless individuals, including through implementing guidance from the Department of Public Health on hand and respiratory hygiene and protective congregate living protocols, and providing isolation and quarantine capacity, that part is suspended.

2) To the limited extent that any part of Health & Safety Code section 50219, subdivision (c), restricts a local jurisdiction from expending Homeless Housing, Assistance, and Prevention Program funds on preparing for and addressing the impacts of the COVID-19 pandemic on homeless individuals, including through expanding shelter and housing services and capacity, that part is suspended.

3) Division 13 (commencing with section 21000) of the Public Resources Code and regulations adopted pursuant to that Division are suspended for any project using Homeless Emergency Aid Program funds, Homeless Housing, Assistance, and Prevention Program funds, or funds appropriated in Senate Bill 89, signed on March 17, 2020.

IT IS FURTHER ORDERED that as soon as hereafter possible, this Order be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this Order.

This Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

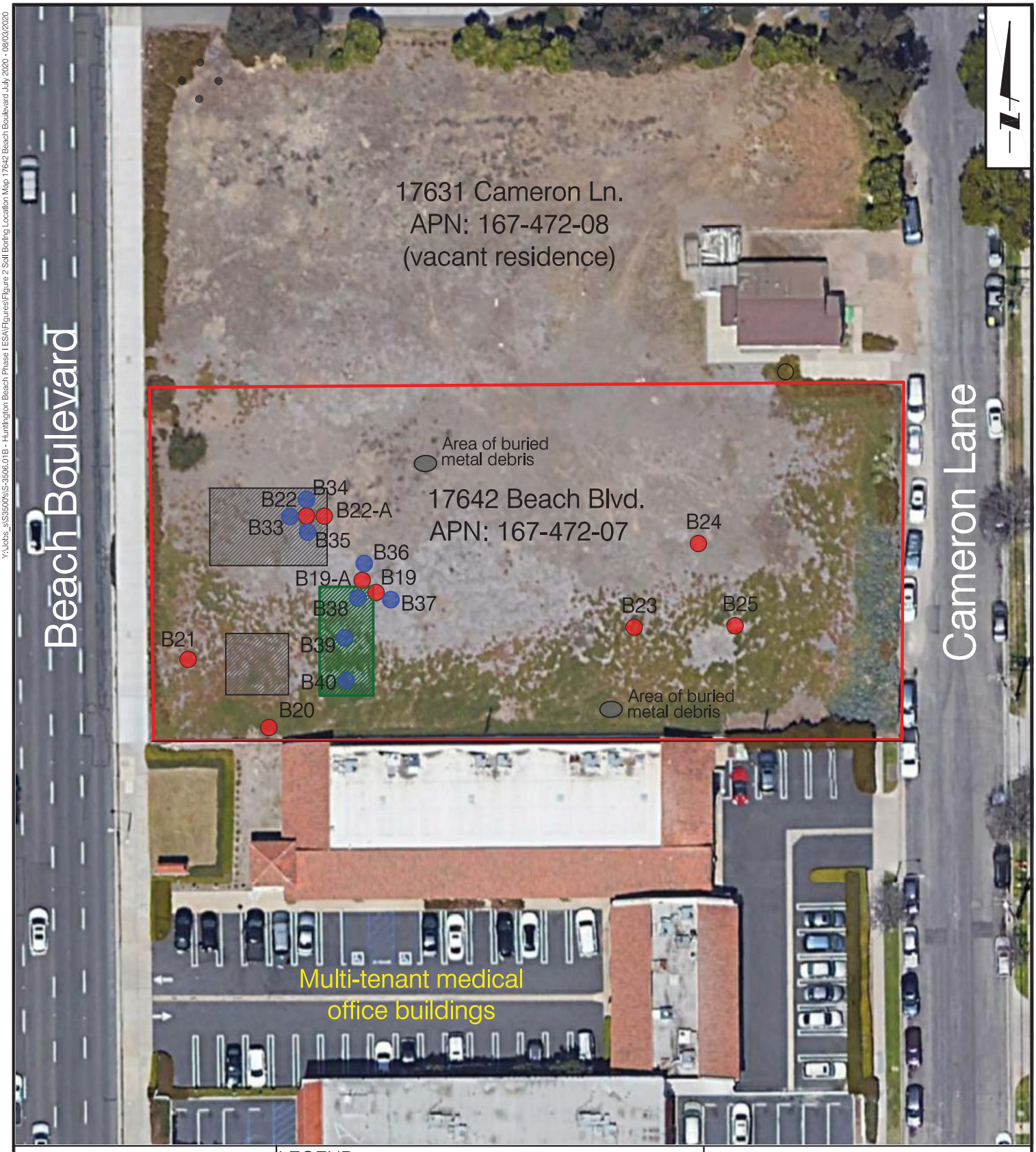
IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 18th day of March 2020.

GAVIN NEWSOM
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State

Y:\Jobs_s\S3500's\S-3506.01B - Huntington Beach Phase I ESA\Figures\Figure 2 Soil Boring Location Map 17642 Beach Boulevard July 2020 - 08/03/2020



EEC ENVIRONMENTAL

LEGEND

- Subject Property Boundary
- Approximate location of former residence
- Soil Boring (April 13 and 14, 2020 and May 11, 2020)
- Soil Boring (July 21, 2020)
- Suspected location of former cesspool/septic tank

0 40 80 FEET
APPROXIMATE SCALE

SOIL BORING LOCATION MAP
17642 Beach Boulevard
Huntington Beach, California

Date	Drafter	PE/PG	Project Number	Figure
August 3, 2020	LH	DB	S-3506.02B	2
Base map source: Google		PM LH	File S3506-2020-ESA-02	

Table 2, Summary of Soil Analytical Results - Metals
17642 Beach Boulevard
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Thallium (mg/Kg)	Vanadium (mg/Kg)	Zinc (mg/Kg)	Mercury (mg/Kg)	Hexavalent Chromium (µg/Kg)
			USEPA Method 6010B																USEPA Method 7471A	USEPA Method 7199
B19-0.5	0.5	04/14/2020	NA	NA	NA	NA	NA	NA	NA	NA	**12.5**	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B19-3.0	3.0	04/14/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.07**	NA	NA	NA	NA	NA	NA	NA	NA	**310 J**
B19-A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**350 J**
B19-A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**310 J**
B19-A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B19-A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B19-A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B20-0.5	0.5	04/14/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.03**	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B20-3.0	3.0	04/14/2020	NA	NA	NA	NA	NA	NA	NA	NA	**2.45**	NA	NA	NA	NA	NA	NA	NA	NA	**290 J**
B21-0.5	0.5	04/14/2020	NA	NA	NA	NA	NA	NA	NA	NA	**7.55**	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B21-3.0	3.0	04/14/2020	NA	NA	NA	NA	NA	NA	NA	NA	**7.26**	NA	NA	NA	NA	NA	NA	NA	NA	**270**
B22-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**31.5**	NA	NA	NA	NA	NA	NA	NA	NA	ND<800
B22-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**91.3**	NA	NA	NA	NA	NA	NA	NA	NA	ND<800
B22-A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.24**	NA	NA	NA	NA	NA	NA	NA	NA	**290 J**
B23-0.5	0.5	04/13/2020	ND<0.769	**9.05**	**92.3**	**0.502**	ND<0.513	**12.9**	**4.9**	**14.5**	**14.8**	ND<0.256	**8.12**	ND<0.769	ND<0.256	ND<0.769	**24.1**	**76.5**	**0.0871**	ND<800
B23-3.0	3.0	04/13/2020	ND<0.743	**3.92**	**83.0**	**0.748**	ND<0.495	**16.0**	**7.38**	**6.63**	**3.13**	**1.16**	**10.6**	ND<0.743	ND<0.248	ND<0.743	**33.4**	**38.4**	ND<0.0820	**230 J**
B24-0.5	0.5	04/13/2020	ND<0.754	**5.93**	**77.0**	**0.498**	ND<0.503	**11.8**	**4.64**	**14.6**	**12.6**	ND<0.251	**7.91**	ND<0.754	ND<0.251	ND<0.754	**20.2**	**64.8**	ND<0.0833	ND<400
B24-3.0	3.0	04/13/2020	**1.18**	**3.58**	**83.8**	**0.650**	ND<0.495	**13.2**	**6.66**	**10.4**	**5.92**	**0.794**	**9.6**	ND<0.743	ND<0.248	ND<0.743	**30.2**	**47.0**	ND<0.0862	**220 J**
B25-0.5	0.5	04/14/2020	**1.38**	**5.61**	**110**	**0.454**	ND<0.508	**11.3**	**4.35**	**23.4**	**60.0**	ND<0.254	**7.99**	ND<0.761	ND<0.254	ND<0.761	**18.9**	**114**	ND<0.0794	ND<400
B25-3.0	3.0	04/14/2020	**1.15**	**1.57**	**68**	**0.703**	ND<0.485	**15.3**	**5.79**	**8.7**	**2.3**	ND<0.243	**10.10**	ND<0.728	ND<0.243	ND<0.728	**27.3**	**35.6**	ND<0.0877	**250 J**
B33-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	**145**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B33-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	**2.03**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B34-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	**78.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B34-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.95**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B35-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	**112**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B35-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.35**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B36-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<4,000
B36-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**310 J**
B36-5.0	5.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**320 J**
B37-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B37-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**300 J**
B37-5.0	5.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**250 J**
B38-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<4,000
B38-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**240 J**
B38-5.0	5.0	07/21/2020	ND<0.718	**2.02**	**71.6**	**0.839**	ND<0.478	**19.0**	**14.6**	**10.1**	**3.23**	**0.288**	**12.2**	ND<0.718	ND<0.239	ND<0.718	**37.9**	**36.0**	ND<0.0877	**450**
B38-10.0	10.0	07/21/2020	ND<0.750	**2.50**	**76.5**	**0.712**	ND<0.500	**14.9**	**7.77**	**8.3**	**1.21**	ND<0.250	**10.2**	ND<0.750	ND<0.250	ND<0.750	**32.6**	**37.3**	ND<0.0847	ND<200
B38-15.0	15.0	07/21/2020	ND<0.754	**1.81**	**123**	**0.822**	ND<0.503	**16.1**	**12.5**	**17.9**	**4.01**	ND<0.251	**17.1**	ND<0.754	ND<0.251	ND<0.754	**36.4**	**49.7**	ND<0.0806	NA
B39-5.0	5.0	07/21/2020	ND<0.765	**2.01**	**96.3**	**0.776**	ND<0.510	**13.4**	**11.9**	**9.35**	**2.62**	ND<0.255	**13.8**	ND<0.765	ND<0.255	ND<0.765	**31.6**	**28.5**	ND<0.0847	NA
B39-10.0	10.0	07/21/2020	ND<0.765	**2.53**	**66.9**	**0.732**	ND<0.510	**13.1**	**10.9**	**9.67**	**1.01**	ND<0.255	**11.1**	ND<0.765	ND<0.255	ND<0.765	**32.6**	**35.0**	ND<0.0806	ND<200
B39-15.0	15.0	07/21/2020	ND<0.773	**6.37**	**142**	**0.967**	**0.516**	**19.7**	**11.1**	**19.0**	**1.63**	**0.362**	**17.7**	ND<0.773	ND<0.258	ND<0.773	**49.2**	**57.1**	ND<0.0833	NA
B40-5.0	5.0	07/21/2020	ND<0.761	**0.878**	**60.7**	**0.673**	ND<0.508	**11.5**	**5.92**	**8.30**	**1.70**	ND<0.254	**9.25**	ND<0.761	ND<0.254	ND<0.761	**26.9**	**24.1**	ND<0.0820	NA
B40-10.0	10.0	07/21/2020	ND<0.773	**1.96**	**70.6**	**0.606**	ND<0.515	**11.0**	**9.32**	**7.78**	**0.978**	ND<0.258	**9.53**	ND<0.773	ND<0.258	ND<0.773	**26.6**	**34.2**	ND<0.0862	ND<200
B40-15.0	15.0	07/21/2020	ND<0.785	**0.995**	**89.3**	**0.997**	ND<0.524	**21.1**	**10.0**	**21.5**	**1.13**	ND<0.262	**16.1**	ND<0.785	ND<0.262	ND<0.785	**39.5**	**55.6**	ND<0.0820	NA
USEPA RSLs for Soil - Residential (mg/kg)			*31*	*0.68*	*15,000*	*160*	*71*	*--*	*23*	*3,100*	*82*	*390*	*1,500*	*390*	*390*	*0.78*	*390*	*23,000*	*23*	*300 (3)*
DTSC SL for Soil - Residential (mg/kg) (1)			*--*	*0.11*	*--*	*16 (2)*	*910*	*--*	*--*	*--*	*80 (2)*	*--*	*820 (2)*	*--*	*--*	*--*	*--*	*--*	*1.0 (2)*	*300 (3)*

Key:
NA - Not analyzed
bgs = below ground surface
RSLs= Regional Screening Levels
J = Result is less than the reporting limit but greater than or equal to the method detection limit
ND<X = not detected above the reporting limit or method detection limit
SL = Screening level
USEPA = United States Environmental Protection Agency Region IX
µg/kg = micrograms per kilogram

Notes:
(1) DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3, April 2019.
(2) Value is DTSC SL non-cancer endpoint
(3) RSL and SL were converted to µg/kg
-- = Note 3 SL not available or references USEPA RSLs
Yellow highlighed results exceed RSL and SL

Table 3, Summary of Soil Analytical Results - Pesticides, TPH, SVOCs and VOCs
17642 Beach Boulevard
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	4,4'-DDE (µg/Kg)	4,4'-DDT (µg/Kg)	Toxaphene (µg/Kg)	Other Pesticides	TPH-g C_4-C_{12} (mg/kg)	TPH-d C_{10}-C_{28} (mg/kg)	TPH-o C_{18}-C_{40} (mg/kg)	SVOCs (mg/kg)	PCE (µg/kg)	TCE (µg/kg)	Benzene (µg/kg)	Naphthalene (µg/kg)	Other VOCs
			Pesticides - USEPA Method 8081A				USEPA 8015B			USEPA 8270C	USEPA 8260B				
B19-0.5	0.5	04/14/2020	ND<5.0	ND<5.0	ND<25	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
B19-3.0	3.0	04/14/2020	ND<5.0	ND<5.0	ND<25	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
B20-0.5	0.5	04/14/2020	ND<5.0	ND<5.0	ND<25	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
B20-3.0	3.0	04/14/2020	ND<5.0	ND<5.0	ND<25	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
B21-0.5	0.5	04/14/2020	ND<5.0	ND<5.0	ND<25	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
B21-3.0	3.0	04/14/2020	ND<5.0	ND<5.0	ND<25	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
B22-0.5	0.5	04/13/2020	ND<5.0	ND<5.0	ND<25	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
B22-3.0	3.0	04/13/2020	**9.9**	**24**	**28**	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
B23-0.5	0.5	04/13/2020	**27**	**46**	ND<25	ND	ND<4.9	ND<4.9	ND<4.9	NA	NA	NA	NA	NA	ND
B23-3.0	3.0	04/13/2020	ND<10	ND<10	ND<50	ND	ND<4.8	ND<4.8	ND<4.8	NA	NA	NA	NA	NA	ND
B24-0.5	0.5	04/13/2020	**21**	**60**	ND<25	ND	ND<4.9	ND<4.9	ND<4.9	NA	NA	NA	NA	NA	ND
B24-3.0	3.0	04/13/2020	ND<5.0	**8.8**	ND<25	ND	ND<5.0	**13**	**4.0 J**	NA	NA	NA	NA	NA	ND
B25-0.5	0.5	04/14/2020	**41**	**59**	ND<25	ND	ND<4.9	**11**	ND<4.9	NA	NA	NA	NA	NA	ND
B25-3.0	3.0	04/14/2020	**ND<5.0**	**ND<5.0**	ND<25	ND	ND<4.8	**7.5**	ND<4.8	NA	NA	NA	NA	NA	ND
B33-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B33-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B34-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B34-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B35-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B35-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B36-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B36-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B36-5.0	5.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B37-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B37-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B37-5.0	5.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B38-0.5	0.5	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B38-3.0	3.0	07/21/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B38-5.0	5.0	07/21/2020	NA	NA	NA	NA	ND<0.10	ND<4.9	ND<4.9	ND	ND<0.86	ND<1.7	ND<0.86	ND<8.6	ND
B38-10.0	10.0	07/21/2020	NA	NA	NA	NA	ND<0.099	ND<4.9	ND<4.9	**Phenol = 1.2** All others = ND	ND<0.79	ND<1.6	ND<0.79	ND<7.9	ND
B38-15.0	15.0	07/21/2020	NA	NA	NA	NA	ND<0.10	ND<4.9	ND<4.9	**Phenol = 0.63** All others = ND	ND<0.87	ND<1.7	ND<0.87	ND<8.7	ND
B39-5.0	5.0	07/21/2020	NA	NA	NA	NA	ND<0.099	ND<5.0	ND<5.0	ND	ND<0.92	ND<1.8	ND<0.92	ND<9.2	ND
B39-10.0	10.0	07/21/2020	NA	NA	NA	NA	ND<0.099	ND<5.0	ND<5.0	ND	ND<0.70	ND<1.4	ND<0.70	ND<7.0	ND
B39-15.0	15.0	07/21/2020	NA	NA	NA	NA	ND<0.099	ND<5.0	ND<5.0	ND	ND<0.85	ND<1.7	ND<0.85	ND<8.5	ND
B40-5.0	5.0	07/21/2020	NA	NA	NA	NA	ND<0.10	ND<4.8	ND<4.8	ND	ND<0.84	ND<1.7	ND<0.84	ND<8.4	ND
B40-10.0	10.0	07/21/2020	NA	NA	NA	NA	ND<0.10	ND<5.0	ND<5.0	ND	ND<1.0	ND<2.0	ND<1.0	ND<10	ND
B40-15.0	15.0	07/21/2020	NA	NA	NA	NA	ND<0.10	ND<5.0	ND<5.0	ND	ND<5.0	ND<5.0	ND<5.0	ND<50	ND
USEPA RSLs for Soil - Residential (µg/kg)			*2,000*	*1,900*	*490*	*Varies*	*--*	*--*	*--*	*19,000**	*24,000*	*940*	*1,200*	*2,000*	*Varies*
DTSC SL for Soil - Residential (µg/kg) (1)			*--*	*--*	*450*	*Varies*	*--*	*--*	*--*	*--*	*590*	*--*	*330*	*2,000*	*Varies*
OCHCA Residential Cleanup Goals (mg/kg) (2)			*--*	*--*	*--*	*--*	*Non-detect*	*100*		*--*					

Key:

-- Not available
bgs = below ground surface
DTSC = Department of Toxic Substances Contro
ESLs= Environmental Screening Levels
mg/kg = milligrams per kilogram
ND<X = not detected above the method detect
NS = not sampled
OCHCA = Orange County Health Care Agency
RSLs = Regional Screening Levels
TPH-d = total petroleum hydrocarbons diesel range organics
TPH-g = total petroleum hydrocarbons gasoline range organics
TPH-o = total petroleum hydrocarbons oil range organics
USEPA = United States Environmental Protection Agency Region IX
µg/kg = micrograms per kilogram
VOCs = volatile organic compounds
SVOCs = semi-volatile organic compounds

Notes:

* Screening level for Phenol; value is in mg/kg.
(1) DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3, April 2019.
(2) OCHCA Residential Cleanup Goals for top ten feet of soil for TPH-g and top five feet of soil for TPH-d and TPH-o.

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REGULATORY/MEDICAL HEALTH SERVICES
ENVIRONMENTAL HEALTH

May 21, 2020

Carlos Marquez
City of Huntington Beach
200 Main Street
Huntington Beach, CA 92648

Subject: Site Summary and Recommendations

Re: Cameron Ln. Property (APN 167-042-08)
17631 Cameron Lane
Huntington Beach, CA 92647
OCHCA Case #20IC002

BACKGROUND

The project site (Site) is a 0.79 acre unpaved lot with a vacant single family home within an area of mixed commercial and residential use that is bounded by commercial properties to the north, an unpaved vacant property to the south, Beach Boulevard to the west and Cameron Lane to the east in the City of Huntington Beach, California. The future planned use of the Site is an asphalt-paved lot with a large tent structure to provide temporary shelter for people experiencing homelessness, as ordered by the Governor's Executive Order N-32-20, issued by Governor Newsom on March 18, 2020. Investigations of the Site were conducted by EEC Environmental (EEC) in several phases to assess the presence of contaminants that may have impacted the Site. Contaminants of concern found in soil at the Site were pesticides, hexavalent chromium and lead. On April 22, 2020, Orange County Health Care Agency (OCHCA) was contacted by the City of Huntington Beach requesting OCHCA review of EECs Phase I report and assessment reports. On April 27, 2020 the City of Huntington Beach entered into a Remedial Action Agreement with the OCHCA for oversight at the above referenced site (Case No. 20IC002). As such OCHCA has prepared this site summary and recommendations for the Site.

SITE INVESTIGATION AND LIMITED EXCAVATION

According to EEC's March 2020 Phase I report, the Site consists of one residential home that was built in 1947 and indicated past row crop agricultural use from the 1930s to the 1950s. Subsurface investigations of the Site were conducted from April 6, 2020 through May 11, 2020. On April 6, 2020 a total of six soil borings (B1 through B6) were advanced throughout the Site at depths ranging from 0.5 to 3 feet (ft) below ground surface (bgs). Soil samples were submitted for analysis of Title 22 Metals (metals) including hexavalent chromium, organochlorine pesticides (OCPs) and chlorinated herbicides. Samples with contaminant concentrations that exceed background and screening levels[1] were found at the Site. Lead was identified in one soil sample (B4 at 0.5 ft bgs) at a concentrations of 101 milligrams per kilograms (mg/kg) near the current vacant single family residential home. Toxaphene was identified in one soil sample (B6 at 0.5 ft bgs) in the western portion of the site at a concentration of 770 micrograms per kilogram (ug/kg). Hexavalent chromium was detected in soil samples from boring locations B4, B5 and B6 with a maximum concentrations detected at 820 ug/kg (B6 at 3 ft bgs). All other analytes were below background and screening levels.

Based on these findings, EEC two excavations were dug on April 13, 2020, to remove 2.78 cubic yards of contaminated soil which has been stored in drums on site pending disposal. Confirmation soil samples were collected on April 13, 2020 from the excavation sidewalls and bottoms (B11 through B18). Soil samples were submitted for analysis of lead and OCPs. Results of confirmation sampling around soil boring location B4 indicated that elevated lead concentrations were removed and remaining soil is below residential screening levels[2]. Results of confirmation soil sampling around soil boring location B6 indicated that toxaphene impacts were still present. Soil borings (B7 through B10, B26 through B32, B4B, B5A, B6B, B7A, B8A, B9A and B10A) were also drilled and sampled between April 13 and May 11, 2020 to depths ranging from 0.5 to 8 ft bgs to further delineate impacts at the Site. Soil samples were submitted for analysis of metals including hexavalent chromium, OCPs and chlorinated herbicides. Toxaphene was detected in five soil samples at 0.5 ft bgs (B7, B10, B11, B29 and B32) with a maximum concentration of 1,600 ug/kg. and 4,4 dichlorodiphenyldichloroethylene (DDE) was identified in one soil sample (B-7 at 0.5 ft bgs) at a concentration of 3,100 ug/kg. Hexavalent chromium was detected in nine soil borings at depths ranging from 0.5 to 8 ft bgs. (B4B, B5A, B6B, B7, B7A, B8, B9, B9A and B10) with a maximum concentration of 980 ug/kg. All other analytes were below background and screening levels[3]. In addition, three grab groundwater samples were collected at locations GW-1, GW2 and GW-3 on May 11, 2020. Groundwater samples were submitted for hexavalent chromium analysis and were not detected above the reporting limits of 0.028 micrograms per liter (ug/L). All sampling and assessment was conducted by prior to the initiation of OCHCA oversight, however all of the data was provided to OCHCA and additional sample analysis occurred following our involvement.

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[1] USEPA, Region 9, Regional Screening Levels (residential exposure scenario), November 2019; Department of Toxic Substances Control Human and Ecological Risk Assessment (HHRA), Note 3, April 2019, University of California, Kearney Foundation for Soil Science, Background Concentrations of Trace and Major Elements in California Soils, March 1996.

[2] Ibid.

[3] Ibid.

Table 1 – Nature & Degree of Site Contamination

Contaminant	Maximum Site Detection and Sample Identification	Regulatory Screening Level (Residential Scenario)
Lead	101 mg/kg B4-0.5 (removed during excavation)	DTSC Hero Note 3r- 80 mg/kg
Hexavalent Chromium	980 ug/kg B9A-5.0	DTSC Hero Note 3r- 300 ug/kg
4,4 DDE	3,100 ug/kg B7-0.5	RSLr- 2,000 ug/kg
Toxaphene	1,600 ug/kg B7-0.5	DTSC Hero Note 3r- 450 ug/kg

CONCLUSION AND RECOMMENDATION

Several phases of investigation were conducted at the Site, results of which showed the presence of 4,4 DDE, toxaphene and hexavalent chromium in excess of site screening levels and to a lesser extent lead in soil. Based on OCHCAs review of the information noted above, soil impacts located beneath the proposed asphalt cover are not considered to be a threat to the occupants of the temporary tent structure. Soil contamination however, must be addressed if changes to site use occur. Additional site assessment may also be required if changes to site use occur. It is the property owner's responsibility to notify this Agency if there is any change in site use and/or if there are future findings of additional contamination at the Site. Additionally, any excavated soil for tent structure installation must be managed, handled, and disposed of properly, in accordance with all regulatory requirements to minimize exposure to workers and the community.

If you have any questions regarding this matter, please contact the undersigned at (714) 433-6011.

Sincerely,

Anthony F. Martinez, CEG #2255
Program Manager
Hazardous Materials Mitigation Section
Environmental Health Division

cc: Health Care Agency
David Ahern, OC Public Works
David Bernier, EEC

EXECUTIVE DEPARTMENT
STATE OF CALIFORNIA

EXECUTIVE ORDER N-32-20

WHEREAS on March 4, 2020, I proclaimed a State of Emergency to exist in California as a result of the threat of COVID-19; and

WHEREAS despite sustained efforts, the virus continues to spread and is impacting nearly all sectors of California; and

WHEREAS in the past two years, the State of California has allocated $1.15 billion to local partners through the Homeless Emergency Aid Program and the Homeless Housing, Assistance, and Prevention Program, funding intended to provide for a variety of programs and facilities aimed at combatting homelessness; and

WHEREAS on March 17, 2020, I signed Senate Bill 89, emergency legislation that authorizes $500 million in immediately available funding to help California fight COVID-19 for any purpose related to the March 4, 2020 proclamation of a State of Emergency, including to support local governments to protect the health and safety of homeless populations, reduce the spread of COVID-19 in homeless populations, and provide safe beds for people experiencing homelessness; and

WHEREAS the emergency of COVID-19 necessitates a more focused approach, including emergency protective measures to bring unsheltered Californians safely indoors, expand shelter capacity, maintain health and sanitation standards and institute medically indicated interventions, and add new isolation and quarantine capacity to California's shelter and housing inventory to slow the spread of the pandemic; and

WHEREAS under the provisions of Government Code section 8571, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay appropriate actions to prevent and mitigate the effects of the COVID-19 pandemic.

NOW, THEREFORE, I, GAVIN NEWSOM, Governor of the State of California, in accordance with the authority vested in me by the State Constitution and statutes of the State of California, and in particular, Government Code sections 8567 and 8571, do hereby issue the following order to become effective immediately:

IT IS HEREBY ORDERED THAT:

1) To the limited extent that any part of Health & Safety Code section 50214, subdivision (a), restricts a local jurisdiction from expending Homeless Emergency Aid Program funds on preparing for and addressing the impacts of the COVID-19 pandemic on homeless individuals, including through implementing guidance from the Department of Public Health on hand and respiratory hygiene and protective congregate living protocols, and providing isolation and quarantine capacity, that part is suspended.

2) To the limited extent that any part of Health & Safety Code section 50219, subdivision (c), restricts a local jurisdiction from expending Homeless Housing, Assistance, and Prevention Program funds on preparing for and addressing the impacts of the COVID-19 pandemic on homeless individuals, including through expanding shelter and housing services and capacity, that part is suspended.

3) Division 13 (commencing with section 21000) of the Public Resources Code and regulations adopted pursuant to that Division are suspended for any project using Homeless Emergency Aid Program funds, Homeless Housing, Assistance, and Prevention Program funds, or funds appropriated in Senate Bill 89, signed on March 17, 2020.

IT IS FURTHER ORDERED that as soon as hereafter possible, this Order be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this Order.

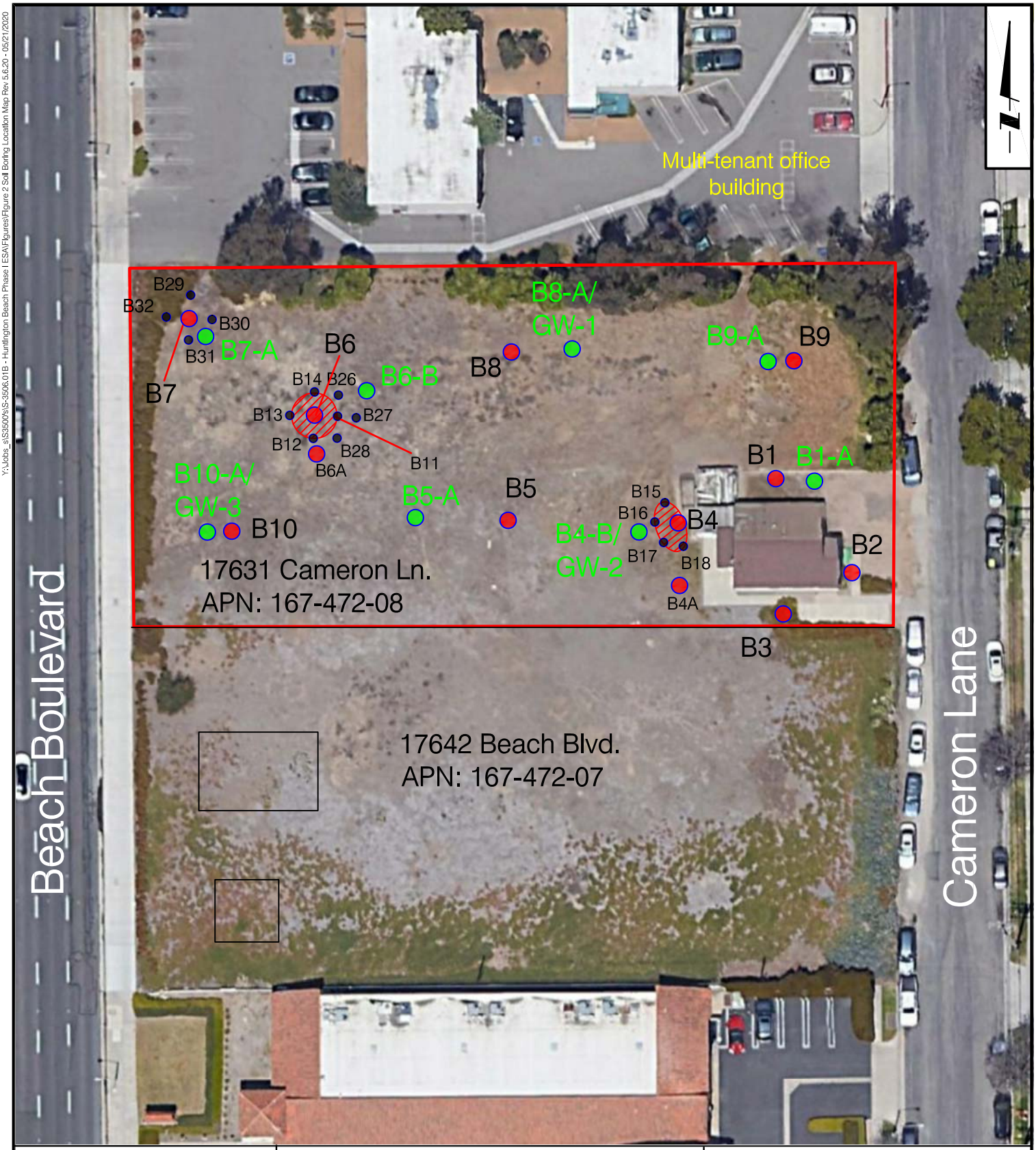
This Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 18th day of March 2020.

GAVIN NEWSOM
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State



EEC ENVIRONMENTAL

LEGEND

- Subject Property Boundary
- Soil Boring
- Step-out Soil Borings (B11-B18, B26-B32) 4/13/20 and 4/16/20
- Soil Boring with 3 Groundwater Sample locations
- Excavation (red=completed; blue = proposed)

0 40 80 FEET
APPROXIMATE SCALE

SOIL BORING LOCATION MAP
17631 Cameron Ln.
Huntington Beach, California

Date	Drafter	PE/PG	Project Number	Figure
May 21, 2020	LH	DB	S-3506.02B	2
Base map source: Google		PM LH	File S3506-2020-ESA-02	

Y:\Jobs_st\S3500's\S-3506.01B - Huntington Beach Phase I ESA\Figures\Figure 2 Soil Boring Location Map Rev 5.6.20 - 05/21/2020

Table 1, Summary of Soil Analytical Results - Metals
17631 Cameron Lane
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Thallium (mg/Kg)	Vanadium (mg/Kg)	Zinc (mg/Kg)	Mercury (mg/Kg)	Hexavalent Chromium (µg/Kg)
			USEPA Method 6010B																USEPA Method 7471A	USEPA Method 7199
B1-0.5	0.5	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**44.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B1-3.0	3.0	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.23**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B1A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B2-0.5	0.5	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**15.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B2-3.0	3.0	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.52**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3-.05	0.5	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**5.29**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3-3.0	3.0	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**2.57**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4-0.5	0.5	04/6/2020	**4.61**	**10.3**	**150**	**0.760**	**2.11**	**21.6**	**9.81**	**38.0**	**101**	ND<0.260	**17.4**	ND<0.781	ND<0.260	ND<0.781	**40.1**	**240**	**0.210**	**500 J**
B4-3.0	3.0	04/6/2020	ND<0.735	**2.56**	**81.1**	**0.922**	ND<0.490	**17.3**	**7.60**	**6.29**	**2.81**	**0.696**	**12.7**	ND<0.735	ND<0.245	ND<0.735	**35.9**	**35.1**	ND<0.0794	**290 J**
B4B-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**350 J**
B4B-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**300 J**
B4B-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**380 J**
B4B-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**330 J**
B4B-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**410 J**
B5-0.5	0.5	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**17.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B5-3.0	3.0	04/6/2020	NA	NA	NA	NA	NA	NA	NA	NA	**2.43**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B5A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**300 J**
B5A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**540**
B5A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**330 J**
B5A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**580**
B5A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200 J**
B6-0.5	0.5	04/6/2020	ND<0.785	**8.44**	**113**	**1.12**	**1.00**	**23.1**	**10.7**	**20.3**	**7.62**	**0.617**	**16.7**	ND<0.785	ND<0.262	ND<0.785	**48.7**	**75.3**	ND<0.0806	**290 J**
B6-3.0	3.0	04/6/2020	ND<0.769	**3.27**	**81.5**	**0.858**	ND<0.513	**14.0**	**6.43**	**10.3**	**12.8**	**0.712**	**12.0**	ND<0.769	ND<0.256	ND<0.769	**31.1**	**45.2**	ND<0.0847	**820**
B6B-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**570**
B6B-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**430**
B6B-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**620**
B6B-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**350 J**
B6B-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B7-0.5	0.5	04/13/2020	**1.0**	**3.67**	**50.9**	ND<0.248	**0.748**	**9.5**	**3.44**	**17.8**	**30.0**	**0.422**	**6.41**	ND<0.743	**0.311**	ND<0.743	**13.2**	**97.1**	**0.245**	NA[1]
B7-3.0	3.0	04/13/2020	**1.37**	ND<0.754	**54.1**	**0.437**	ND<0.503	**7.48**	**6.71**	**6.16**	**5.16**	ND<0.251	**6.34**	ND<0.754	ND<0.251	ND<0.754	**19.8**	**16.0**	**0.0817**	**380 J**
B7A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<1,000
B7A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B7A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**420**
B7A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**270 J**
B7A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**330 J**
USEPA RSLs for Soil - Residential (µg/kg) [2]			*31*	*0.68*	*15,000*	*1,600*	*71*	*120,000*	*23*	*3,100*	*82*	*390*	*1,500*	*390*	*390*	*0.78*	*390*	*23,000*	*23*	*300* [4]
DTSC SL for Soil - Residential (µg/kg) [3]			*--*	*0.11*	*--*	*16* [3]	*910*	*--*	*--*	*--*	*80* [3]	*--*	*820* [3]	*--*	*--*	*--*	*--*	*--*	*1.0* [3]	*300* [4]

Table 2, Summary of Soil Analytical Results - Pesticides and Herbicides
17631 Cameron Lane
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	4,4'-DDD (µg/Kg)	4,4'-DDE (µg/Kg)	4,4'-DDT (µg/Kg)	alpha-Chlordane (µg/Kg)	Chlordane (µg/Kg)	Dieldrin (µg/Kg)	Toxaphene (µg/Kg)	Other Pesticides	Herbicides
			Pesticides - USEPA Method 8081A								USEPA Method 8151A
B1-0.5	0.5	04/6/2020	ND<5.0	10	5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B1-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B2-0.5	0.5	04/6/2020	12	360	180	ND<1.0	ND<25	5.0	ND<25	ND	NA
B2-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B3-.05	0.5	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B3-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B4-0.5	0.5	04/6/2020	ND<5.0	43	22	6.7	33	2.8	ND<25	ND	NA
B4-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B4A-0.5	0.5	04/28/2020	NA	NA	NA	NA	NA	NA	NA	NA	ND
B4A-3.0	3.0	04/28/2020	NA	NA	NA	NA	NA	NA	NA	NA	ND
B5-0.5	0.5	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B5-3.0	3.0	04/6/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B6-0.5	0.5	04/6/2020	ND<25	1,400	350	7.2	54	ND<1.0	770	ND	NA
B6-3.0	3.0	04/6/2020	ND<5.0	18	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B6A-0.5	0.5	04/28/2020	NA	NA	NA	NA	NA	NA	NA	NA	ND
B6A-3.0	3.0	04/28/2020	NA	NA	NA	NA	NA	NA	NA	NA	ND
B7-0.5	0.5	04/13/2020	32	3,100	1,300	ND<1.0	ND<25	ND<1.0	1,600	ND	ND
B7-3.0	3.0	04/13/2020	ND<5.0	16	6.6	ND<1.0	ND<25	ND<1.0	ND<25	ND	ND
B8-0.5	0.5	04/13/2020	ND<5.0	270	63	ND<1.0	ND<25	1.5	110	ND	NA
B8-3.0	3.0	04/13/2020	ND<5.0	13	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B9-0.5	0.5	04/13/2020	ND<5.0	17	9.6	ND<1.0	ND<25	ND<1.0	ND<25	ND	ND
B9-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	ND
B10-0.5	0.5	04/13/2020	ND<5.0	770	410	1.8	ND<25	ND<1.0	500	ND	ND
B10-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	ND
B11-0.5	0.5	04/13/2020	13	1,900	610	1.5	ND<25	ND<1.0	1,200	ND	NA
B11-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B12-0.5	0.5	04/13/2020	5.7	240	100	ND<0.99	ND<25	1.6	59	ND	NA
B12-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<0.99	ND<25	ND<0.99	ND<25	ND	NA
B13-0.5	0.5	04/13/2020	16	500	100	ND<1.0	ND<25	2.5	180	ND	NA
B13-3.0	3.0	04/13/2020	ND<5.0	7.7	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B14-0.5	0.5	04/13/2020	8.2	110	53	ND<0.98	ND<25	ND<0.98	ND<25	ND	NA
B14-3.0	3.0	04/13/2020	ND<4.9	ND<4.9	ND<4.9	ND<0.98	ND<25	ND<0.98	ND<25	ND	NA
B15-0.5	0.5	04/13/2020	ND<4.9	ND<4.9	ND<4.9	ND<0.98	ND<25	ND<0.98	ND<25	ND	NA
B15-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<0.99	ND<25	ND<0.99	ND<25	ND	NA
B16-0.5	0.5	04/13/2020	ND<5.0	22	12	2.2	ND<25	ND<1.0	ND<25	ND	NA
B16-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B17-0.5	0.5	04/13/2020	ND<5.0	6.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B17-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B18-0.5	0.5	04/13/2020	ND<4.9	20	8.2	2.1	ND<25	ND<0.99	ND<25	ND	NA
B18-3.0	3.0	04/13/2020	ND<5.0	ND<5.0	ND<5.0	1.0	ND<25	ND<1.0	ND<25	ND	NA
B26-0.5	0.5	04/16/2020	ND<5.0	230	43	ND<1.0	ND<25	1.1	120	ND	NA
B26-3.0	3.0	04/16/2020	ND<5.0	29	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B27-0.5	0.5	04/16/2020	ND<5.0	220	52	ND<1.0	ND<25	ND<1.0	100	ND	NA
B27-3.0	3.0	04/16/2020	ND<5.0	400	77	ND<1.0	ND<25	ND<1.0	230	ND	NA
B28-0.5	0.5	04/16/2020	ND<5.0	420	130	ND<1.0	ND<25	2.6	180	ND	NA
B28-3.0	3.0	04/16/2020	ND<5.0	33	ND<5.0	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B29-0.5	0.5	04/16/2020	95	1,000	360	2.5	ND<25	ND<1.0	940	ND	NA
B29-3.0	3.0	04/16/2020	ND<5.0	61	27	ND<1.0	ND<25	ND<1.0	37	ND	NA
B30-0.5	0.5	04/16/2020	38	460	120	2.4	ND<25	ND<1.0	410	ND	NA
B30-3.0	3.0	04/16/2020	ND<5.0	20	8.2	ND<1.0	ND<25	ND<1.0	ND<25	ND	NA
B31-0.5	0.5	04/16/2020	11	650	130	2.1	ND<25	ND<1.0	380	ND	NA
B31-3.0	3.0	04/16/2020	ND<5.0	190	62	ND<1.0	ND<25	ND<1.0	120	ND	NA
B32-0.5	0.5	04/16/2020	93	1,600	440	ND<1.0	ND<25	ND<1.0	1,200	ND	NA
B32-3.0	3.0	04/16/2020	ND<5.0	85	33	ND<1.0	ND<25	ND<1.0	50	ND	NA
USEPA RSLs for Soil - Residential (µg/kg) (1)			*1,900*	*2,000*	*1,900*	*--*	*1,700*	*34*	*490*	*Varies*	*Varies*
DTSC SL for Soil - Residential (µg/kg) (2)			*2,300*	*--*	*--*	*--*	*--*	*--*	*450*	*Varies*	*Varies*

Key:
NA - Not analyzed
(a) = Enivronmental Protection Agency (EPA) Region IX Regional Screening Levels for Residential Soils
bgs = below ground surface
DTSC = California State Department of Toxic Substances Control
ESLs= Environmental Screening Levels
mg/kg = milligrams per kilogram
ND<X = not detected above the method detection limit
SL = Screening level
USEPA = United States Environmental Protection Agency
µg/kg = micrograms per kilogram

Notes:
(1) RSLs. November 2019 (Rev. 2) for soil.
(2) DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3, April 2019, Cancer endpoint value
-- = Note 3 References USEPA RSLs
Yellow highlighed results exceed RSL and SL

Table 3, Summary of Groundwater Analytical Results - Hexavalent Chromium
17631 Cameron Lane
Huntington Beach, California

Sample ID	Date	Hexavalent Chromium (µg/L)
		USEPA Method 218.6
GW-1	05/11/2020	ND<0.038
GW-2	05/11/2020	ND<0.038
GW-3	05/11/2020	ND<0.038
WS-1	05/11/2020	ND<0.038
WS-2	05/11/2020	**0.086 J**

Key:

J = Result is less than the reporting limit but greater than or equal to the method detection limit

mg/kg = micrograms per liter

ND<X = not detected above the reporting limit or method detection limit

USEPA = United States Environmental Protection Agency

WS-1 = Duplicate

WS-2 = Equipment blank

Table 1, Summary of Soil Analytical Results - Metals
17631 Cameron Lane
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Thallium (mg/Kg)	Vanadium (mg/Kg)	Zinc (mg/Kg)	Mercury (mg/Kg)	Hexavalent Chromium (µg/Kg)
			USEPA Method 6010B																USEPA Method 7471A	USEPA Method 7199
B8-0.5	0.5	04/13/2020	**0.913**	**1.83**	**54.3**	**0.372**	ND<0.513	**6.62**	**4.24**	**7.55**	**25**	ND<0.256	**5.86**	ND<0.769	ND<0.256	ND<0.769	**17.3**	**26.4**	ND<0.0820	**480**
B8-3.0	3.0	04/13/2020	**1.42**	**7.30**	**109**	ND<0.253	ND<0.505	**3.97**	**2.40**	**8.77**	**2.45**	**1.53**	**4.27**	ND<0.758	ND<0.253	ND<0.758	**9.2**	**14.6**	ND<0.0833	ND<200
B8A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<800
B8A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B8A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**250 J**
B8A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**240 J**
B8A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**210 J**
B9-0.5	0.5	04/13/2020	ND<0.739	**3.15**	**57.5**	**0.282**	ND<0.493	**5.45**	**3.55**	**8.26**	**9.59**	ND<0.246	**5.12**	ND<0.739	ND<0.246	ND<0.739	**14.3**	**22.3**	ND<0.0847	ND<200
B9-3.0	3.0	04/13/2020	ND<0.743	**2.16**	**56.5**	ND<0.248	ND<0.495	**4.23**	**2.66**	**4.9**	**3.33**	ND<0.248	**3.85**	ND<0.743	ND<0.248	ND<0.743	**10.9**	**12.4**	ND<0.0862	**360 J**
B9A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<800
B9A-5.0	5.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**980**
B9A-6.0	6.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**320 J**
B9A-7.0	7.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B9A-8.0	8.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<200
B10-0.5	0.5	04/13/2020	**1.15**	**5.07**	**78.3**	**0.428**	ND<0.488	**9.51**	**5.03**	**18.5**	**47.3**	**0.260**	**12.5**	ND<0.732	ND<0.244	ND<0.732	**21.0**	**51.4**	ND<0.0862	**430**
B10-3.0	3.0	04/13/2020	ND<0.725	**1.55**	**40.0**	**0.378**	ND<0.483	**6.28**	**2.55**	**3.52**	**2.54**	**0.654**	**5.24**	ND<0.725	ND<0.242	ND<0.725	**22.6**	**14.2**	ND<0.0877	**310 J**
B10A-4.0	4.0	05/11/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**270**
B11-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**10.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B11-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**2.44**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B12-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**19.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B12-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.07**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**18.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.02**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B14-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.64**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B14-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.57**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B15-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**11.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B15-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**10.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B16-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**9.86**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B16-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**5.05**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B17-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**4.08**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B17-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**3.06**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B18-0.5	0.5	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**10.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B18-3.0	3.0	04/13/2020	NA	NA	NA	NA	NA	NA	NA	NA	**11**	NA	NA	NA	NA	NA	NA	NA	NA	NA
B26-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B27-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B28-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B28-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
USEPA RSLs for Soil - Residential (µg/kg) (2)			*31*	*0.68*	*15,000*	*1,600*	*71*	*120,000*	*23*	*3,100*	*82*	*390*	*1,500*	*390*	*390*	*0.78*	*390*	*23,000*	*23*	*300 (4)*
DTSC SL for Soil - Residential (µg/kg) (3)			*--*	*0.11*	*--*	*16 (3)*	*910*	*--*	*--*	*--*	*80 (3)*	*--*	*820 (3)*	*--*	*--*	*--*	*--*	*--*	*1.0 (3)*	*300 (4)*

Table 1, Summary of Soil Analytical Results - Metals
17631 Cameron Lane
Huntington Beach, California

Sample ID	Sample Depth (feet bgs)	Date	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Cadmium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Lead (mg/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Thallium (mg/Kg)	Vanadium (mg/Kg)	Zinc (mg/Kg)	Mercury (mg/Kg)	Hexavalent Chromium (µg/Kg)
			USEPA Method 6010B																USEPA Method 7471A	USEPA Method 7199
B29-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B29-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B30-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B30-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B31-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<400
B31-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND<800
B32-0.5	0.5	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B32-3.0	3.0	04/16/2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
USEPA RSLs for Soil - Residential (µg/kg) [2]			*31*	*0.68*	*15,000*	*1,600*	*71*	*120,000*	*23*	*3,100*	*82*	*390*	*1,500*	*390*	*390*	*0.78*	*390*	*23,000*	*23*	*300* [4]
DTSC SL for Soil - Residential (µg/kg) [3]			*--*	*0.11*	*--*	*16* [3]	*910*	*--*	*--*	*--*	*80* [3]	*--*	*820* [3]	*--*	*--*	*--*	*--*	*--*	*1.0* [3]	*300* [4]

Key:

NA - Not analyzed
(a) = Enivronmental Protection Agency (EPA) Region IX Regional Screening Levels for Residential Soils
bgs = below ground surface
RSLs= Regional Screening Levels
J = Result is less than the reporting limit but greater than or equal to the method detection limit
mg/kg = milligrams per kilogram
ND<X = not detected above the reporting limit or method detection limit
SL = Screening level
USEPA = United States Environmental Protection Agency
µg/kg = micrograms per kilogram

Notes:

(1) Sample was too small for analysis; B31 was selected as an alternate.
B31 was diluted due to the nature of the soil matrix.
(2) DTSC Human and Ecological Risk Office (HERO) Human Health Risk
Assessment (HHRA) Note 3, April 2019.
(3) Value is DTSC SL non-cancer endpoint
(4) RSL and SL were converted to µg/kg
-- = Note 3 SL not available or references USEPA RSLs
Yellow highlighed results exceed RSL and SL