



July 14, 2016

Geniece Higgins
Supervising Hazardous Waste Specialist
Hazardous Materials Mitigation Section
Environmental Health Division
Orange County Health Care Agency
1241 East Dyer Road, Suite 120
Santa Ana CA 92705

**Subject: Addendum to Soil Management Plan dated September 29, 2015
Proposed Rancho La Habra (Westridge) Residential Development
1400 S. La Habra Hills Boulevard
LA Habra, California 90631
EEI Project No. SPH-71933.7**

Dear Ms. Higgins:

Pursuant to your request for additional information, EEI has prepared the following addendum to address the items identified in your letter of October 29, 2015. The following responses/information is provided herein:

- 1) *Please submit a complete data set for samples collected from soil currently contained in Reuse Areas 1 through 3. See enclosed Enclosure A – Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Areas 1, 2, and 3.*
- 2) *Please note that soil from ground surface to 10 feet below ground surface (bgs) cannot contain detectable concentrations of gasoline range TPH (TPHg). – Understood and acknowledged.*
- 3) *Confirmation soil sampling must include analysis for volatile organic compounds (VOCs) where TPHg concentrations exceed 100 mg/kg and must include analysis for semi-volatile organic compounds where TPH concentrations exceed 1,000 mg/kg. – Understood and acknowledged.*
- 4) *Samples must be collected in brass or stainless sleeves. Sampling in glass jars is not permitted. – Understood and acknowledged.*
- 5) *Soil planned for reuse in upper 10 feet will be evaluated against soil criteria presented in the U.S. EPA Regional Screening Levels and supplemental data provided by the Department of Toxic Substance Control in HERO Note 3. Additionally, any VOC containing soil planned for reuse must be evaluated for potential risks from vapor intrusion. – Understood and acknowledged.*

- 6) *The document does not discuss the anticipated bottom of the proposed reuse areas with respect to groundwater elevation.* – **The lowest elevation of the proposed reuse areas (~219 feet AMSL) and the highest reported groundwater elevation (~180 feet AMSL) can be found in Appendices C and A, respectively, of the SMP (though admittedly difficult to read). Hence, there is a roughly 39-foot buffer between the base of the lowest reuse area and static groundwater level (as measured in February 2015). Please note that during the course of the geotechnical evaluation of the property, which included 18 hollow stem auger borings to a maximum depth of 76.5 feet bgs and 5 bucket auger borings to a maximum depth of 115 feet bgs, groundwater was only encountered in one location. This location was midway along the northwestern margin of the property, along Beach Boulevard, and is situated to the northwest of the proposed 512K reuse area.**
- 7) *A qualified person must be onsite during grading operations to identify any previously unidentified areas of contamination.* – **Understood and acknowledged. Grading operations shall be monitored by qualified staff.**
- 8) *Survey data for the extent of Reuse Areas 1 through 3 must be included and used for reference, in addition to confirmation sampling, to verify the proposed removal of contaminated material contained within these areas.* – **Understood and acknowledged. FYI, existing survey data is included in the summary tables provided in Enclosure A.**
- 9) *The vertical and lateral extent of the proposed burial cells must be surveyed.* – **Understood and acknowledged.**
- 10) *Figures 3 and 4 and the figure presented in Appendix C should be resubmitted as 11 x 17 sized sheets.* – **Please see Enclosure B.**
- 11) *A figure showing the layout of the proposed development must be included.* – **Please see Enclosure C.**

Sincerely,



Bernard A. Sentianin, PG
Senior Geologist

Enclosures:

- Enclosure A - Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Areas 1, 2, and 3.
- Enclosure B – 11x17 Copies of Figure 3, Figure 4 and 20-foot Hold Down with Removal Map
- Enclosure C – Proposed Development Plan

ENCLOSURE A

Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Areas 1, 2, and 3.

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPII-1	6/13/97	221	1,200	320	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-2	6/13/97	217	500	90	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-3	6/13/97	217	610	49	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-4	6/13/97	215	1,400	165	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-5	6/13/97	211	1,500	151	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-6	6/13/97	225	520	110	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-7	6/13/97	223	280	37	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-8	6/13/97	210	340	ND	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-9	6/13/97	217	800	59	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-10	6/13/97	227	1,400	210	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-11	6/13/97	219	2,200	460	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-12	6/13/97	220	1,700	320	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-13	6/13/97	220	170	ND	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-14	6/13/97	220	1,100	92	ND	BTEX ND	A/ML01215A A/LR10678
RUA-SPII-15	6/16/97	226	1,600	340	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-16	6/16/97	220	2,000	131	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-17	6/16/97	220	830	55	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-18	6/16/97	218	1,200	190	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-19	6/16/97	225	3,500	978	ND	Benzene ND Ethyl Benzene 0.032 Toluene ND Total Xylenes 0.036	A/MLO1216 A/LR10826
RUA-SPII-20	6/16/97	209	580	135	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-21	6/16/97	217	950	70	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-22	6/16/97	220	2,500	210	42	Benzene ND Ethyl Benzene 0.504 Toluene 0.233 G19 Total Xylenes 0.464	A/MLO1216 A/LR10826
RUA-SPII-23	6/16/97	225	3,100	890	58	Benzene ND Ethyl Benzene 0.275 Toluene ND Total Xylenes 0.358	A/MLO1216 A/LR10826
RUA-SPII-24	6/16/97	228	1,200	110	ND	BTEX ND	A/MLO1216 A/LR10826

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPII-25	6/16/97	227	450	30	ND	Benzene ND Ethyl Benzene 0.038 Toluene ND Total Xylenes 0.057	A/MLO1216 A/LR10826
RUA-SPII-26	6/16/97	214	800	47	ND	Benzene ND Ethyl Benzene 0.067 Toluene 0.060 Total Xylenes 0.095	A/MLO1216 A/LR10826
RUA-SPII-27	6/16/97	220	820	44	ND	Benzene ND Ethyl Benzene 0.055 Toluene ND Total Xylenes 0.033	A/MLO1216 A/LR10826
RUA-SPII-28	6/16/97	221	760	30	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-29	6/16/97	222	3,900	648	19	Benzene ND Ethyl Benzene 0.920 Toluene 0.683 Total Xylenes 0.485	A/MLO1216 A/LR10826
RUA-SPII-30	6/16/97	224	1,100	ND	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-31	6/16/97	224	7,100	1,250	98	Benzene ND Ethyl Benzene 3.56 Toluene 1.12 Total Xylenes 1.96	A/MLO1216 A/LR10826
RUA-SPII-32	6/16/97	223	2,400	348	39	Benzene ND Ethyl benzene 0.90 Toluene 1.92 Total Xylenes 1.38	A/MLO1216 A/LR10826
RUA-SPII-33	6/16/97	222	12,000	2,700	121	Benzene ND Ethyl Benzene 1.86 Toluene 1.56 Total Xylenes 2.28	A/MLO1216 A/LR10826
RUA-SPII-34	6/16/97	220	590	ND	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-35	6/16/97	230	3,800	818	ND	Benzene ND Ethyl Benzene 0.740 Toluene 0.020 Total Xylenes 1.23	A/MLO1216 A/LR10826
RUA-SPII-36	6/16/97	224	4,700	813	78	Benzene ND Ethyl Benzene 0.330 Toluene 0.360 Total Xylenes 0.814	A/MLO1216 A/LR10826
RUA-SPII-37	6/16/97	230	9,800	2,300	131	Benzene ND Ethyl Benzene 2.04 Toluene 1.18 Total Xylenes 1.26	A/MLO1216 A/LR10826
RUA-SPII-38	6/16/97	230	340	ND	ND	BTEX ND	A/MLO1216 A/LR10826
RUA-SPII-39	6/17/97	235	220	ND	ND	BTEX ND	A/MLO1217 A/LR10817
RUA-SPII-40	6/17/97	220	17	ND	ND	BTEX ND	A/MLO1217 A/LR10817
RUA-SPII-41	6/17/97	213	13,000	3,600	ND	BTEX ND	A/MLO1217 A/LR10817

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPII-42	6/17/97	222	1,400	ND	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-43	6/17/97	222	610	ND	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-44	6/17/97	224	5,000	1,870	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-45	6/17/97	225	2,800	720	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-46	6/17/97	230	1,700	290	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-47	6/17/97	232	1,600	310	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-48	6/17/97	242	2,500	640	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-49	6/17/97	232	740	140	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-50	6/17/97	245	400	180	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-51	6/17/97	227	970	ND	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-52	6/17/97	222	1,400	ND	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-53	6/17/97	224	580	270	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-54	6/17/97	227	1,100	480	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-55	6/17/97	227	7,100	700	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-56	6/17/97	230	160	ND	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-57	6/17/97	228	1,100	130	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-58	6/17/97	230	2,000	360	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-59	6/17/97	227	3,800	415	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-60	6/17/97	224	900	ND	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-61	6/17/97	216	1,690	120	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-62	6/17/97	214	1,780	415	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-63	6/17/97	210	655	ND	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-64	6/17/97	224	9,000	2,670	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-65	6/17/97	230	3,130	900	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-66	6/17/97	244	2,270	150	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-67	6/17/97	246	590	ND	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-68	6/17/97	235	1,630	490	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-69	6/17/97	238	1,400	170	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-70	6/17/97	237	9,400	1,550	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-71	6/17/97	228	2,160	140	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-72	6/17/97	230	2,160	340	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-73	6/17/97	228	2,400	220	ND	BTEX ND	A/ML01217 A/LR10817
RUA-SPII-74	6/17/97	226	3,680	950	ND	BTEX ND	A/ML01217 A/LR10817

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPII-75	6/17/97	218	3,850	810	ND	BTEX ND	A/LR10817
RUA-SPII-76	6/17/97	224	1,730	150	ND	BTEX ND	A/LR10817
RUA-SPII-77	6/17/97	229	4,590	880	ND	BTEX ND	A/LR10817
RUA-SPII-78	6/17/97	230	980	ND	ND	BTEX ND	A/LR10817
RUA-SPII-79	6/17/97	235	730	ND	ND	BTEX ND	A/LR10817
RUA-SPII-80	6/17/97	231	6,880	1,950	ND	BTEX ND	A/LR10817
RUA-SPII-81	6/17/97	230	450	ND	ND	BTEX ND	A/LR10817
RUA-SPII-82	6/17/97	230	880	370	ND	BTEX ND	A/LR10817
RUA-SPII-83	6/18/97	226	2,800	700	ND	Benzene ND Ethyl Benzene ND Toluene ND Total Xylenes 0.063	A/ML01218 A/LR10990
RUA-SPII-84	6/18/97	230	430	55	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-85	6/18/97	231	2,100	240	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-86	6/18/97	230	320	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-87	6/18/97	239	1,100	360	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-88	6/18/97	235	1,100	270	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-89	6/18/97	240	1,200	310	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-90	6/18/97	215	710	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-91	6/18/97	215	620	95	ND	Benzene ND Ethyl Benzene 0.022 Toluene ND Total Xylenes 0.035	A/ML01218 A/LR10990
RUA-SPII-92	6/18/97	228	1,200	518	ND	Benzene ND Ethyl Benzene ND Toluene ND Total Xylenes 0.064	A/ML01218 A/LR10990
RUA-SPII-93	6/18/97	231	410	70	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-94	6/18/97	236	2,900	276	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-95	6/18/97	218	490	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-96	6/18/97	223	290	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPII-97	6/18/97	226	1,500	80	ND	Benzene ND Ethyl Benzene 0.062 Toluene 0.031 Total Xylenes 0.129	A/ML01218 A/LR10990
RUA-SPII-98	6/18/97	228	460	42	ND	Benzene ND Ethyl Benzene 0.350 Toluene 0.277 Total Xylenes 0.278	A/ML01218 A/LR10990

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPI-99	6/18/97	228	820	65	ND	Benzene ND Ethyl Benzene 0.029 Toluene ND Total Xylenes 0.052	A/ML01218 A/LR10990
RUA-SPI-100	6/18/97	229	930	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-101	6/18/97	236	620	100	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-102	6/18/97	235	260	65	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-103	6/18/97	230	530	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-104	6/18/97	229	800	152	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-105	6/18/97	232	900	352	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-106	6/18/97	232	1,300	196	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-107	6/18/97	226	270	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-108	6/18/97	233	2,800	505	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-109	6/18/97	225	1,100	128	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-110	6/18/97	243	350	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-111	6/18/97	243	460	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-112	6/18/97	248	270	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-113	6/18/97	237	430	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-114	6/18/97	227	490	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-115	6/18/97	221	610	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-116	6/18/97	225	1,100	ND	ND	BTEX ND	A/ML01218 A/LR10990
RUA-SPI-117	6/18/97	236	330	ND	ND	BTEX ND	A/ML01219A A/LR10962
RUA-SPI-118	6/18/97	234	810	35	ND	BTEX ND	A/ML01219A A/LR10962
RUA-SPI-119	6/18/97	230	45	ND	ND	BTEX ND	A/ML01219A A/LR10962
RUA-SPI-120	6/18/97	233	350	ND	ND	BTEX ND	A/ML01219A A/LR10962
RUA-SPI-121	6/18/97	227	530	20	ND	BTEX ND	A/ML01219A A/LR10962
RUA-SPI-122	6/19/97	230	730	25	ND	BTEX ND	A/LR10962
RUA-SPI-123	6/19/97	243	420	ND	ND	BTEX ND	A/LR10962
RUA-SPI-124	6/19/97	235	3,300	1,100	ND	BTEX ND	A/LR10962
RUA-SPI-125	6/19/97	245	820	460	ND	BTEX ND	A/LR10962
RUA-SPI-126	6/19/97	246	1,200	205	ND	BTEX ND	A/LR10962

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPI-127	6/19/97	240	6,500	2,300	ND	BTEX ND	A/LR10962
RUA-SPI-128	6/19/97	235	3,200	1,100	ND	BTEX ND	A/LR10962
RUA-SPI-129	6/19/97	240	330	ND	ND	BTEX ND	A/LR10962
RUA-SPI-130	6/19/97	246	1,600	104	ND	BTEX ND	A/LR10962
RUA-SPI-131	6/19/97	239	100	ND	ND	BTEX ND	A/LR10962
RUA-SPI-132	6/19/97	233	730	ND	ND	BTEX ND	A/LR10962
RUA-SPI-133	6/19/97	226	250	ND	ND	BTEX ND	A/LR10962
RUA-SPI-134	6/19/97	227	190	ND	ND	BTEX ND	A/LR10962
RUA-SPI-135	6/19/97	248	560	ND	ND	BTEX ND	A/LR10962
RUA-SPI-136	6/19/97	226	180	ND	ND	BTEX ND	A/LR10962
RUA-SPI-137	6/19/97	236	690	ND	ND	BTEX ND	A/LR10962
RUA-SPI-138	6/19/97	237	310	ND	ND	BTEX ND	A/LR10962
RUA-SPI-139	6/19/97	238	1,500	970	ND	BTEX ND	A/LR10962
RUA-SPI-140	6/19/97	243	770	54	ND	BTEX ND	A/LR10962
RUA-SPI-141	6/19/97	247	1,400	180	ND	BTEX ND	A/LR10962
RUA-SPI-142	6/19/97	240	2,000	500	ND	BTEX ND	A/LR10962
RUA-SPI-143	6/19/97	239	450	ND	ND	BTEX ND	A/LR10962
RUA-SPI-144	6/19/97	240	910	ND	ND	BTEX ND	A/LR10962
RUA-SPI-145	6/19/97	246	80	ND	ND	BTEX ND	A/LR10962
RUA-SPI-146	6/19/97	248	170	ND	ND	BTEX ND	A/LR10962
RUA-SPI-147	6/19/97	240	1,200	68	ND	BTEX ND	A/LR10962
RUA-SPI-148	6/19/97	235	510	ND	ND	BTEX ND	A/LR10962
RUA-SPI-149	6/19/97	228	690	ND	ND	BTEX ND	A/LR10962
RUA-SPI-150	6/19/97	227	120	ND	ND	BTEX ND	A/LR10962
RUA-SPI-151	6/19/97	247	280	ND	ND	BTEX ND	A/ML01220A A/LR11023
RUA-SPI-152	6/19/97	248	670	ND	ND	BTEX ND	A/ML01220A A/LR11023
RUA-SPI-153	6/19/97	246	ND	ND	ND	BTEX ND	A/ML01220A A/LR11023
RUA-SPI-154	6/19/97	250	480	ND	ND	BTEX ND	A/ML01220A A/LR11023
RUA-SPI-155	6/19/97	251	1,400	68	ND	BTEX ND	A/ML01220A A/LR11023
RUA-SPI-156	6/19/97	250	140	ND	ND	BTEX ND	A/ML01220A A/LR11023
RUA-SPI-157	6/20/97	248	40	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-158	6/20/97	245	210	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-159	6/20/97	250	420	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-160	6/20/97	214	1,200	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-161	6/20/97	216	400	50	ND	BTEX ND	A/ML01220B A/LR11016

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPI-162	6/20/97	219	810	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-163	6/20/97	220	230	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-164	6/20/97	222	83	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-165	6/20/97	223	410	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-166	6/20/97	222	1,500	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-167	6/20/97	220	790	ND	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-168	6/20/97	232	3,200	1,020	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-169	6/20/97	233	830	78	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-170	6/20/97	232	2,400	940	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-171	6/20/97	228	1,400	390	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-172	6/20/97	226	570	140	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-173	6/20/97	225	2,100	1,000	ND	BTEX ND	A/ML01220B A/LR11016
RUA-SPI-174	6/20/97	227	830	ND	ND	BTEX ND	A/LR11016
RUA-SPI-175	6/20/97	220	190	ND	ND	BTEX ND	A/LR11016
RUA-SPI-176	6/20/97	230	1,100	ND	ND	BTEX ND	A/LR11016
RUA-SPI-177	6/20/97	221	380	ND	ND	BTEX ND	A/LR11016
RUA-SPI-178	6/20/97	230	1,800	369	2.2	Benzene ND Toluene ND Ethyl Benzene ND Total Xylenes 0.0034	S/M1-9706-02A-1
RUA-SPI-179	6/20/97	232	1,000	235	2.2	Benzene ND Toluene ND Ethyl Benzene 0.0032 Total Xylenes 0.0078	S/M1-9706-02A-1
RUA-SPI-180	6/20/97	230	2,000	830	6.6	Benzene ND Toluene ND Ethyl Benzene 0.021 Total Xylenes 0.043	S/M1-9706-02A-1
RUA-SPI-181	6/23/97	238	11,000	1,588	230	Benzene ND Toluene ND Ethyl Benzene 0.75 Total Xylenes 1.1	S/M1-9706-02A-1
RUA-SPI-182	6/23/97	234	230	ND	0.62	BTEX ND	S/M1-9706-02A-1
RUA-SPI-183	6/23/97	237	960	258	2.1	Benzene ND Toluene ND Ethyl Benzene 0.0049 Total Xylenes 0.0012	S/M1-9706-02A-1
RUA-SPI-184	6/23/97	238	560	70	1.6	Benzene ND Toluene ND Ethyl Benzene 0.0031 Total Xylenes 0.0070	S/M1-9706-02A-1

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPI-185	6/23/97	239	300	61	3.1	Benzene ND Toluene ND Ethyl Benzene 0.0011 Total Xylenes 0.023	S/M1-9706-02A-1
RUA-SPI-186	6/23/97	238	1,800	428	5.7	Benzene ND Toluene ND Ethyl Benzene 0.028 Total Xylenes 0.051	S/M1-9706-02A-1
RUA-SPI-187	6/23/97	238	400	125	1.9	Benzene ND Toluene ND Ethyl Benzene 0.028 Total Xylenes 0.011	S/M1-9706-02A-1
RUA-SPI-188	6/23/97	240	400	ND	ND	BTEX ND	S/M1-9706-02A-1
RUA-SPI-189	6/23/97	247	750	116	0.43	Benzene ND Toluene ND Ethyl Benzene ND Total Xylenes 0.0034	S/M1-9706-02A-1
RUA-SPI-190	6/23/97	250	1,000	385	4.9	Benzene ND Toluene 0.0068 Ethyl Benzene 0.019 Total Xylenes 0.068	S/M1-9706-02A-1
RUA-SPI-191	6/23/97	255	1,100	346	4.6	Benzene ND Toluene ND Ethyl Benzene 0.016 Total Xylenes 0.024	S/M1-9706-02A-1
RUA-SPI-192	6/23/97	255	5,600	670	5.7	Benzene ND Toluene ND Ethyl Benzene 0.031 Total Xylenes 0.040	S/M1-9706-02A-1
RUA-SPI-193	6/23/97	250	1,500	315	5.4	Benzene ND Toluene ND Ethyl Benzene 0.023 Total Xylenes 0.012	S/M1-9706-02A-1
RUA-SPI-194	6/23/97	245	110	ND	0.12	BTEX ND	S/M1-9706-02A-1
RUA-SPI-195	6/23/97	252	3,000	850	240	Benzene ND Toluene ND Ethyl Benzene 0.49 Total Xylenes 0.70	S/M1-9706-02A-1
RUA-SPI-196	6/23/97	253	350	ND	0.67	BTEX	S/M1-9706-02A-1
RUA-SPI-197	6/23/97	256	2,600	565	5.3	Benzene ND Toluene ND Ethyl Benzene 0.024 Total Xylenes 0.050	S/M1-9706-02A-1
RUA-SPI-198	6/23/97	255	180	432	0.097	BTEX ND	S/M1-9706-02A-1
RUA-SPI-199	6/23/97	255	900	39	1.7	Benzene ND Toluene ND Ethyl Benzene 0.0093 Total Xylenes 0.0034	S/M1-9706-02A-1
RUA-SPI-200	6/23/97	250	380	239	1.4	Benzene ND Toluene ND Ethyl Benzene 0.0066 Total Xylenes 0.012	S/M1-9706-02A-1

Table 11. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 1

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 1 Inplace Soil Samples (See Figures 19 and 19A)							
RUA-SPI-201	6/23/97	255	890	205	4.6	Benzene ND Toluene ND Ethyl Benzene 0.032 Total Xylenes 0.044	S/M1-9706-02A-1
RUA-SPI-202	6/23/97	256	470	86	1.9	Benzene ND Toluene ND Ethyl Benzene 0.014 Total Xylenes 0.023	S/M1-9706-02A-1
RUA-SPI-203	6/23/97	250	1,100	268	1.9	Benzene ND Toluene ND Ethyl Benzene 0.0073 Total Xylenes 0.018	S/M1-9706-02A-1
RUA-SPI-204	6/23/97	253	1,200	302	2.9	Benzene ND Toluene ND Ethyl Benzene 0.012 Total Xylenes 0.017	S/M1-9706-02A-1
RUA-SPI-205	6/24/97	257	550	332	2.5	Benzene ND Toluene ND Ethyl Benzene 0.0064 Total Xylenes 0.015	S/M1-9706-02A-1
RUA-SPI-206	6/24/97	257	580	420	0.47	BTEX ND	S/M1-9706-02B-1
RUA-SPI-207	6/24/97	258	8,400	284	0.83	BTEX ND	S/M1-9706-02B-1
RUA-SPI-208	6/24/97	258	1,100	233	65	Benzene ND Toluene ND Ethyl Benzene ND Total Xylenes 0.11	S/M1-9706-02B-1
RUA-SPI-209	6/24/97	260	1,300	355	110	Benzene ND Toluene ND Ethyl Benzene 0.18 Total Xylenes 0.33	S/M1-9706-02B-1
RUA-SPI-210	6/24/97	255	980	293	2.6	Benzene ND Toluene ND Ethyl Benzene 0.0082 Total Xylenes 0.021	S/M1-9706-02B-1
RUA-SPI-211	6/24/97	265	150	62	0.095	BTEX ND	S/M1-9706-02B-1
RUA-SPI-212	6/24/97	265	240	283	ND	BTEX ND	S/M1-9706-02B-1
RUA-SPI-213	6/24/97	256	350	162	ND	BTEX ND	S/M1-9706-02B-1
RUA-SPI-214	6/24/97	260	840	186	ND	BTEX ND	S/M1-9706-02B-1

Notes:
 EPA - Environmental Protection Agency Test Method
 TRPH - Total Recoverable Petroleum Hydrocarbons
 TPH - Total Petroleum Hydrocarbons
 mg/kg - milligrams per kilogram
 RUA - Reuse Area
 SPII-1 - Stockpile No. 2 (source material) and Sample Number
 SPI-98 - Stockpile No. 1 (source material) and Sample Number
 ND - Not detected at a value greater than the detection limit.
 BTEX - Benzene, Toluene, Ethyl Benzene, and Total Xylenes
 A/ML01215A - Associated Laboratories, Mobile Laboratory Report Number
 A/LR10678 - Associated Laboratories, Fixed Laboratory Report Number
 S/M1-9706-02A-1 - Sierra Laboratories, Mobile Laboratory Report Number
 * - Elevations are considered approximate.

Table 12. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 2

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 2 Inplace Soil Sampling (See Figures 20 and 20 A)							
RUA2-SPI-1	6/20/97	238	1,300	105	ND	BTEX ND	A/ML01220C A/LR11024
RUA2-SPI-2	6/20/97	240	2,400	175	ND	BTEX ND	A/ML01220C A/LR11024
RUA2-SPI-3	6/20/97	243	1,900	275	ND	BTEX ND	A/ML01220C A/LR11024
RUA2-SPI-4	6/20/97	239	1,300	310	ND	BTEX ND	A/ML01220C A/LR11024
RUA2-SPI-5	6/20/97	242	1,300	ND	ND	BTEX ND	A/ML01220C A/LR11024
RUA2-SPI-6	6/20/97	244	1,300	ND	ND	BTEX ND	A/ML01220C A/LR11024
RUA2-SPI-7	6/20/97	242	810	ND	ND	BTEX ND	A/ML01220C A/LR11024
RUA2-SPI-8	6/20/97	237	4,500	1,650	21	Benzene ND Toluene ND Ethylbenzene 0.40 Total Xylenes 0.85	S/M1-9706-02A-2
RUA2-SPI-9	6/20/97	243	2,400	615	190	Benzene ND Toluene ND Ethylbenzene 0.43 Total Xylenes 0.93	S/M1-9706-02A-2
RUA2-SPI-10	6/20/97	238	11,000	1,672	9	Benzene ND Toluene ND Ethylbenzene 0.041 Total Xylenes ND	S/M1-9706-02A-2
RUA2-SPI-11	6/20/97	237	3,500	1,190	8	Benzene ND Toluene ND Ethylbenzene 0.025 Total Xylenes ND	S/M1-9706-02A-2
RUA2-SPI-12	6/20/97	240	3,400	1,426	240	Benzene ND Toluene ND Ethylbenzene 0.32 Total Xylenes 0.65	S/M1-9706-02A-2
RUA2-SPI-13	6/23/97	241	120	1,014	0.19	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-14	6/23/97	243	260	26	0.16	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-15	6/23/97	238	700	46	0.93	Benzene ND Toluene ND Ethylbenzene ND Total Xylenes 0.0030	S/M1-9706-02A-2
RUA2-SPI-16	6/23/97	241	290	34	0.79	Benzene ND Toluene ND Ethylbenzene ND Total Xylenes 0.0033	S/M1-9706-02A-2
RUA2-SPI-17	6/23/97	240	480	166	3.7	Benzene ND Toluene ND Ethylbenzene 0.013 Total Xylenes 0.0061	S/M1-9706-02A-2
RUA2-SPI-18	6/23/97	241	1,200	404	3.9	Benzene ND Toluene ND Ethylbenzene 0.019 Total Xylenes 0.038	S/M1-9706-02A-2

Table 12. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 2

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 2 Inplace Soil Sampling (See Figures 20 and 20 A)							
RUA2-SPI-19	6/23/97	243	680	615	180	Benzene ND Toluene ND Ethylbenzene 0.45 Total Xylenes 0.70	S/M1-9706-02A-2
RUA2-SPI-20	6/23/97	245	640	200	4.1	Benzene ND Toluene ND Ethylbenzene 0.022 Total Xylenes 0.042	S/M1-9706-02A-2
RUA2-SPI-21	6/23/97	247	2,500	978	170	Benzene ND Toluene ND Ethylbenzene 0.26 Total Xylenes 0.45	S/M1-9706-02A-2
RUA2-SPI-22	6/23/97	245	13,000	1,245	300	Benzene ND Toluene ND Ethylbenzene 0.90 Total Xylenes 1.6	S/M1-9706-02A-2
RUA2-SPI-23	6/23/97	244	1,300	411	250	Benzene ND Toluene ND Ethylbenzene 1.3 Total Xylenes 2.1	S/M1-9706-02A-2
RUA2-SPI-24	6/23/97	239	1,800	589	190	Benzene ND Toluene ND Ethylbenzene 0.27 Total Xylenes 0.45	S/M1-9706-02A-2
RUA2-SPI-25	6/23/97	237	480	51	0.1	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-26	6/23/97	234	410	135	3	Benzene ND Toluene ND Ethylbenzene 0.012 Total Xylenes 0.0068	S/M1-9706-02A-2
RUA2-SPI-27	6/23/97	232	660	455	350	Benzene ND Toluene ND Ethylbenzene 0.65 Total Xylenes 2.7	S/M1-9706-02A-2
RUA2-SPI-28	6/23/97	238	1,100	225	2.7	Benzene ND Toluene ND Ethylbenzene 0.0081 Total Xylenes 0.018	S/M1-9706-02A-2
RUA2-SPI-29	6/23/97	240	360	ND	0.1	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-30	6/23/97	239	60	ND	ND	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-31	6/23/97	240	12	ND	ND	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-32	6/23/97	237	57	ND	ND	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-33	6/23/97	239	49	ND	ND	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-34	6/23/97	240	360	ND	ND	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-35	6/23/97	239	85	ND	ND	BTEX ND	S/M1-9706-02A-2
RUA2-SPI-36	6/24/97	241	760	217	2	Benzene ND Toluene ND Ethylbenzene 0.0051 Total Xylenes 0.013	S/M1-9706-02B-2
RUA2-SPI-37	6/24/97	241	940	160	1.3	Benzene ND Toluene ND Ethylbenzene 0.0033 Total Xylenes ND	S/M1-9706-02B-2

Table 12. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 2

Site Location and Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020 BTEX (mg/kg)	Lab/Report No.
Reuse Area 2 Inplace Soil Sampling (See Figures 20 and 20 A)							
RUA2-SPI-38	6/24/97	237	ND	6	ND	BTEX ND	S/M1-9706-02B-2
RUA2-SPI-39	6/24/97	242	430	176	0.17	BTEX ND	S/M1-9706-02B-2
RUA2-SPI-40	6/24/97	245	24,000	Removed	--	--	S/M1-9706-02B-2
RUA2-SPI-41	6/24/97	238	780	200	ND	BTEX ND	S/M1-9706-02B-2

Notes:

EPA - Environmental Protection Agency Test Method

TPH - Total Petroleum Hydrocarbons

TRPH - Total Recoverable Petroleum Hydrocarbons

BTEX - Benzene, toluene, ethyl benzene, total xylenes

mg/kg - milligrams per kilogram

RUA2 - Reuse Area

SPI-41 - Stockpile No. 1 (source material) and Sample Number

A/LR11024 - Associated Laboratories, Fixed Laboratory Report No.

A/ML0122C - Associated Laboratories, Mobile Laboratory Report No.

S/M1-9706-02A-2 Sierra Analytical Labs, Mobile Laboratory Report No.

ND - Not detected at a value greater than the detection limit

* - Elevations are considered approximate

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-1	9/21/98	200.5	6,500	2,240	27	Benzene 0.2 Toluene 1.3 Ethyl Benzene 0.2 Total Xylenes 1.5	ND for all target compounds except: Total Xylenes 3,150	A/LR27743
RUA3-2	9/21/98	200.5	6,750	5,730	52	Benzene ND Toluene ND Ethyl Benzene 0.2 Total Xylenes 4.6	---	A/LR27743
RUA3-3	9/21/98	200.5	7,000	4,620	67	Benzene 0.008 Toluene 0.1 Ethyl Benzene 9.9 Total Xylenes 0.01	ND for all target compounds except: Total Xylenes 7,350	A/LR27743
RUA3-4	9/21/98	200.5	5,500	3,060	68	Benzene 0.009 Toluene 0.2 Ethyl Benzene 8.7 Total Xylenes 0.03	ND for all target compounds except: Total Xylenes 1,040	A/LR27743
RUA3-5	9/22/98	201	625	35	ND	BTEX ND	---	A/LR27817
RUA3-6	9/22/98	201	5,000	1,670	25	Benzene ND Toluene ND Ethyl benzene 0.1 Total Xylenes 0.9	---	A/LR27817
RUA3-7	9/22/98	201	6,000	3,280	26	Benzene ND Toluene ND Ethyl benzene 0.1 Total Xylenes 0.9	---	A/LR27817
RUA3-8	9/22/98	201	5,500	3,320	21	Benzene ND Toluene ND Ethyl benzene 0.1 Total Xylenes 0.6	---	A/LR27817
RUA3-9	9/24/98	202	350	ND	ND	BTEX ND	---	A/LR27951
RUA3-10	9/24/98	202	900	130	15	Benzene ND Ethyl benzene 0.08 Toluene ND Total Xylenes ND	---	A/LR27951
RUA3-11	9/24/98	202	1,000	220	7	BTEX ND	---	A/LR27951
RUA3-12	9/24/98	202	5,000	760	8	BTEX ND	---	A/LR27951
RUA3-13	9/24/98	203	1,400	160	ND	BTEX ND	---	A/LR27951

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-14	9/24/98	203	400	ND	ND	BTEX ND	---	A/LR27951
RUA3-15	9/24/98	203	2,250	580	ND	BTEX ND	---	A/LR27951
RUA3-16	9/24/98	204	1,000	120	ND	BTEX ND	---	A/LR27951
RUA3-17	9/25/98	205	1,400	40	ND	BTEX ND	---	A/LR28037
RUA3-18	9/25/98	205	1,700	ND	ND	BTEX ND	---	A/LR28037
RUA3-19	9/25/98	203	1,200	20	ND	BTEX ND	---	A/LR28037
RUA3-20	9/25/98	203	6,750	2,770	19	BTEX ND	---	A/LR28037
RUA3-21	9/25/98	206	1,000	60	ND	BTEX ND	---	A/LR28037
RUA3-22	9/25/98	206	375	30	ND	BTEX ND	---	A/LR28037
RUA3-23	9/25/98	203	425	20	ND	BTEX ND	---	A/LR28037
RUA3-24	9/25/98	202	600	ND	ND	BTEX ND	---	A/LR28037
RUA3-25	9/25/98	203	575	ND	ND	BTEX ND	---	A/LR28037
RUA3-26	9/25/98	204	500	ND	ND	BTEX ND	---	A/LR28037
RUA3-27	9/25/98	204	4,500	ND	ND	BTEX ND	---	A/LR28037
RUA3-28	9/25/98	205	350	ND	ND	BTEX ND	---	A/LR28037
RUA3-29	9/28/98	205	1,920	790	170	Benzene ND Toluene 0.08 Ethyl Benzene 0.3 Total Xylenes 0.9	---	A/LR28077
RUA3-30	9/28/98	204	3,510	1,110	210	Benzene ND Toluene 0.04 Ethyl Benzene 0.2 Total Xylenes 0.6	---	A/LR28077
RUA3-31	9/28/98	205	1,150	330	57	Benzene ND Toluene 0.03 Ethyl Benzene 0.15 Total Xylenes 0.4	---	A/LR28077
RUA3-32	9/28/98	205	1,370	360	140	Benzene ND Toluene 0.06 Ethyl Benzene 0.4 Total Xylenes 0.9	---	A/LR28077

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-33	9/28/98	205	2,450	880	80	Benzene ND Toluene ND Ethyl Benzene 0.07 Total Xylenes 0.6	---	A/LR28077
RUA3-34	9/28/98	203	2,000	1,130	300	Benzene ND Toluene 0.8 Ethyl Benzene 1.0 Total Xylenes 2.0	---	A/LR28077
RUA3-35	9/28/98	203	950	90	43	Benzene ND Toluene ND Ethyl Benzene 0.1 Total Xylenes 0.4	---	A/LR28077
RUA3-36	9/28/98	206	670	180	39	Benzene ND Toluene ND Ethyl Benzene 0.07 Total Xylenes 0.2	---	A/LR28077
RUA3-37	9/28/98	206	1,400	580	80	Benzene ND Toluene ND Ethyl Benzene 0.2 Total Xylenes 0.6	---	A/LR28077
RUA3-38	9/28/98	206	1,220	550	96	Benzene ND Toluene ND Ethyl Benzene 0.2 Total Xylenes 0.7	---	A/LR28077
RUA3-39	9/29/98	208	4,400	510	65	Benzene ND Toluene ND Ethyl Benzene ND Total Xylenes 0.32	---	S/9809-437 S/9809-437A
RUA3-40	9/29/98	208	3,200	426	65	BTEX ND	---	S/9809-437 S/9809-437A
RUA3-41	9/29/98	209	2,600	350	150	Benzene 0.046 Toluene ND Ethyl Benzene 0.49 Total Xylenes 0.80	ND for all target compounds except: sec-butylbenzene 27 4-Isopropyltoluene 11 Naphthalene 25 n-propylbenzene 16 1,3,5-Trimethylbenzene 5.5	S/9809-437 S/9809-437A

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-42	9/29/98	209	2,900	87	200	Benzene 0.048 Toluene ND Ethyl Benzene 0.60 Total Xylenes 1.0	ND for all target compounds except: sec-Butylbenzene 46 Naphthalene 18 n-Propylbenzene 37	S/9809-437 S/9809-437A
RUA3-43	9/29/98	209	1,300	320	58	Benzene ND Toluene ND Ethyl benzene 0.32 Total Xylenes 0.80	---	S/9809-439 S/9809-439A
RUA3-44	9/29/98	209	6,000	1,500	130	Benzene ND Toluene ND Ethyl Benzene 1.3 Total Xylenes 0.34	---	S/9809-439 S/9809-439A
RUA3-45	9/29/98	215	880	96	28	BTEX ND	---	S/9809-439 S/9809-439A
RUA3-46	9/29/98	215	2,200	330	55	Benzene ND Toluene ND Ethyl benzene 0.21 Total Xylenes 0.31	---	S/9809-439 S/9809-439A
RUA3-47	9/29/98	205	1,400	420	80	Benzene ND Toluene ND Ethyl benzene 0.29 Total Xylenes 0.35	---	S/9809-439 S/9809-439A
RUA3-48	9/29/98	205	1,600	470	110	Benzene ND Toluene ND Ethyl benzene 0.23 Total Xylenes 0.35	---	S/9809-439 S/9809-439A
RUA3-49	9/30/98	215	1,700	400	11	BTEX ND	---	S/9810-002 S/9810-002A
RUA3-50	9/30/98	215	6,500	193	270	BTEX ND	---	S/9810-002 S/9810-002A
RUA3-51	9/30/98	215	4,600	240	150	Benzene 0.050 Toluene ND Ethyl benzene ND Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-52	9/30/98	215	5,400	300	280	BTEX ND	---	S/9810-002 S/9810-002A

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-53	9/30/98	216	2,500	89	5	Benzene ND Toluene ND Ethyl benzene 0.08 Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-54	9/30/98	216	3,600	180	16	Benzene ND Toluene ND Ethyl Benzene 0.0078 Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-55	9/30/98	225	5,900	220	240	Benzene 0.048 Toluene ND Ethyl benzene 0.65 Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-56	9/30/98	220	1,300	260	70	BTEX ND	---	S/9810-002 S/9810-002A
RUA3-57	9/30/98	215	3,500	320	140	Benzene 0.050 Toluene ND Ethyl benzene ND Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-58	9/30/98	224	640	200	100	Benzene 0.050 Toluene ND Ethyl benzene ND Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-59	9/30/98	219	750	170	3.2	Benzene 0.048 Toluene ND Ethyl benzene ND Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-60	9/30/98	220	2,700	160	210	Benzene 0.048 Toluene ND Ethyl benzene ND Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-61	9/30/98	216	6,600	240	270	Benzene 0.049 Toluene ND Ethyl benzene ND Total Xylenes ND	---	S/9810-002 S/9810-002A
RUA3-62	10/1/98	211	767	200	1.7	BTEX ND	---	S/9810-022 S/9810-022A
RUA3-63	10/1/98	228	2,837	741	2.6	BTEX ND	---	S/9810-022 S/9810-022A

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-64	10/1/98	223	893	224	0.98	Benzene 0.050 Toluene ND Ethyl benzene ND Total Xylenes ND	---	S/9810-022 S/9810-022A
RUA3-65	10/1/98	220	3,041	1,300	9.5	BTEX ND	---	S/9810-022 S/9810-022A
RUA3-66	10/1/98	223	785	83	1.3	BTEX ND	---	S/9810-022 S/9810-022A
RUA3-67	10/1/98	218	876	80	3.2	BTEX ND	---	S/9810-022 S/9810-022A
RUA3-68	10/1/98	225	1,900	500	10	BTEX ND	---	S/9810-022 S/9810-022A
RUA3-69	10/1/98	223	2,300	680	5	Benzene ND Toluene 0.04 Ethyl benzene 0.035 Total Xylenes 0.048	---	S/9810-039
RUA3-70	10/1/98	205	1,800	800	1.7	Benzene ND Toluene 0.021 Ethyl benzene 0.0088 Total Xylenes 0.028	---	S/9810-039
RUA3-71	10/1/98	206	3,100	1,500	65	BTEX ND	---	S/9810-039
RUA3-72	10/1/98	208	1,700	330	1.3	Benzene ND Toluene 0.052 Ethyl benzene 0.010 Total Xylenes 0.087	---	S/9810-039
RUA3-73	10/1/98	207	4,100	1,800	60	Benzene ND Toluene ND Ethyl benzene 0.20 Total Xylenes 0.18	---	S/9810-039
RUA3-74	10/2/98	227	2,900	1,900	180	Benzene 0.065 Toluene 0.070 Ethyl benzene 0.48 Total Xylenes ND	ND for all target compounds	S/9810-038 S/9810-038 Add.
RUA3-75	10/2/98	230	2,800	790	9.3	Benzene ND Toluene 0.0069 Ethyl benzene 0.018 Total Xylenes ND	---	S/9810-038

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-76	10/2/98	228	2,700	1,100	210	Benzene 0.07 Toluene 0.090 Ethyl benzene 0.070 Total Xylenes ND	ND for all target compounds except: Naphthalene 5.9	S/9810-038 S/9810-038 Add.
RUA3-77	10/2/98	210	7,900	3,700	270	Benzene 0.065 Toluene 0.12 Ethyl benzene 0.55 Total Xylenes ND	ND for all target compounds except: tert-Butylbenzene 16 Naphthalene 17 n-propylbenzene 7.3	S/9810-038 S/9810-038 Add.
RUA3-78	10/2/98	211	3,900	1,500	13	Benzene ND Toluene 0.021 Ethyl benzene 0.060 Total Xylenes ND	---	S/9810-038 S/9810-038 Add.
RUA3-79	10/2/98	213	2,800	1,800	18	Benzene ND Toluene 0.017 Ethyl benzene 0.083 Total Xylenes ND	---	S/9810-038
RUA3-80	10/2/98	215	2,700	1,300	120	Benzene 0.065 Toluene 0.080 Ethyl benzene 0.50 Total Xylenes ND	ND for all target compounds	S/9810-038 S/9810-038 Add.
RUA3-81	10/2/98	219	4,700	2,300	350	Benzene 0.060 Toluene 0.085 Ethyl benzene 1.1 Total Xylenes ND	ND for all target compounds except: sec-Butylbenzene 53 Isopropylbenzene 29 Naphthalene 100 n-Propylbenzene 52	S/9810-038 S/9810-038 Add.
RUA3-82	10/2/98	219	3,800	1,500	230	Benzene 0.065 Toluene 0.075 Ethyl benzene 0.65 Total Xylenes ND	ND for all target compounds except: sec-Butylbenzene 14 Naphthalene 45	S/9810-038 S/9810-038 Add.
RUA3-83	10/2/98	219	3,100	1,100	16	Benzene ND Toluene 0.0049 Ethyl benzene 0.034 Total Xylenes ND	---	S/9810-038
RUA3-84	10/5/98	220	2,847	110	90	Benzene ND Toluene 0.70 Ethyl Benzene 0.26 Total Xylenes 0.28	---	S/9810-061 S/9810-061 Add.

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-85	10/5/98	230	3,655	1,300	100	Benzene ND Toluene 0.075 Ethyl Benzene 0.34 Total Xylenes 0.38	---	S/9810-061 S/9810-061 Add.
RUA3-86	10/5/98	230	3,368	1,800	13	Benzene ND Toluene 0.016 Ethyl Benzene 0.030 Total Xylenes 0.025	---	S/9810-061 S/9810-061 Add.
RUA3-87	10/5/98	232	3,420	770	90	Benzene ND Toluene 0.075 Ethyl Benzene 0.30 Total Xylenes 0.32	---	S/9810-061 S/9810-061 Add.
RUA3-88	10/5/98	235	2,755	1,600	6.9	Benzene ND Toluene 0.016 Ethyl Benzene 0.022 Total Xylenes 0.027	---	S/9810-061 S/9810-061 Add.
RUA3-89	10/5/98	235	2,704	1,100	13	Benzene ND Toluene 0.038 Ethyl Benzene 0.040 Total Xylenes 1.4	---	S/9810-061 S/9810-061 Add.
RUA3-90	10/5/98	235	3,685	1,600	9.3	Benzene ND Toluene 0.021 Ethyl Benzene 0.030 Total Xylenes 0.70	---	S/9810-061 S/9810-061 Add.
RUA3-91	10/5/98	237	3,716	1,300	3.4	Benzene 0.0042 Toluene 0.032 Ethyl Benzene 0.013 Total Xylenes 0.065	---	S/9810-061 S/9810-061 Add.
RUA3-92	10/5/98	236	2,775	680	4.9	Benzene 0.0033 Toluene 0.026 Ethyl Benzene 0.013 Total Xylenes 0.053	---	S/9810-061 S/9810-061 Add.
RUA3-93	10/5/98	237	2,121	290	9.3	Benzene 0.006 Toluene 0.055 Ethyl Benzene 0.028 Total Xylenes 0.14	---	S/9810-061 S/9810-061 Add.

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-94	10/6/98	228	1,487	1,800	2.8	Benzene ND Toluene ND Ethyl Benzene 0.0081 Total Xylenes 0.013	---	S/9810-165
RUA3-95	10/6/98	227	16,862	6,300	0.47	Benzene ND Toluene 0.35 Ethyl Benzene 4.9 Total Xylenes 4.3	---	S/9810-165
RUA3-96	10/6/98	208	3,021	1,300	17	Benzene ND Toluene ND Ethyl Benzene 0.055 Total Xylenes 0.21	---	S/9810-165
RUA3-97	10/6/98	208	1,814	2,200	15	Benzene ND Toluene ND Ethyl Benzene 0.03 Total Xylenes 0.16	---	S/9810-165
RUA3-98	10/6/98	229	1,589	1,400	9	Benzene ND Toluene 0.017 Ethyl Benzene 0.050 Total Xylenes 0.04	---	S/9810-165
RUA3-99	10/6/98	228	3,890	2,000	150	Benzene ND Toluene 0.065 Ethyl Benzene 1.3 Total Xylenes 1.1	---	S/9810-165
RUA3-100	10/6/98	209	5,629	3,800	340	Benzene ND Toluene ND Ethyl Benzene 0.41 Total Xylenes 1.1	---	S/9810-165
RUA3-101	10/6/98	209	2,458	1,200	150	Benzene ND Toluene ND Ethyl Benzene ND Total Xylenes 1.8	---	S/9810-165
RUA3-102	10/6/98	220	3,962	1,500	23	Benzene ND Toluene 0.06 Ethyl Benzene 0.16 Total Xylenes 0.010	---	S/9810-165

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-103	10/6/98	218	1,558	860	8.5	Benzene ND Toluene 0.065 Ethyl Benzene 0.046 Total Xylenes 0.025	---	S/9810-165
RUA3-104	10/6/98	210	2,019	1,400	17	Benzene ND Toluene 0.020 Ethyl Benzene 0.16 Total Xylenes 0.025	---	S/9810-165
RUA3-105	10/6/98	213	3,062	1,300	12	Benzene ND Toluene 0.016 Ethyl Benzene 0.014 Total Xylenes 0.13	---	S/9810-165
(sample number not utilized)	---	---	---	---	---	---	---	---
RUA3-107	10/12/98	234	631	160	2.8	Benzene ND Toluene ND Ethyl Benzene 0.0051 Total Xylenes 0.0053	---	S/9810-184 S/9810-184 Add.
RUA3-108	10/12/98	234	3,639	736	8.2	Benzene ND Toluene ND Ethyl Benzene 0.059 Total Xylenes 0.051	---	S/9810-184 S/9810-184 Add.
RUA3-109	10/12/98	234	3,158	1,000	6.8	Benzene ND Toluene ND Ethyl Benzene 0.041 Total Xylenes 0.032	---	S/9810-184 S/9810-184 Add.
RUA3-110	10/12/98	236	1,461	110	26	Benzene ND Toluene ND Ethyl Benzene 0.14 Total Xylenes 0.12	---	S/9810-184 S/9810-184 Add.
RUA3-111	10/12/98	236	3,915	2,000	28	Benzene ND Toluene ND Ethyl Benzene 0.13 Total Xylenes 0.12	---	S/9810-184 S/9810-184 Add.
RUA3-112	10/12/98	236	2,913	900	6.5	Benzene ND Toluene ND Ethyl Benzene 0.032 Total Xylenes 0.027	---	S/9810-184 S/9810-184 Add.

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-113	10/12/98	236	9,028	2,900	45	Benzene ND Toluene ND Ethyl Benzene 0.31 Total Xylenes 0.23	---	S/9810-184 S/9810-184 Add.
RUA3-114	10/12/98	236	2,954	1,200	7.6	Benzene ND Toluene ND Ethyl Benzene 0.039 Total Xylenes 0.033	---	S/9810-184 S/9810-184 Add.
RUA3-115	10/12/98	236	4,119	1,400	13	Benzene ND Toluene ND Ethyl Benzene 0.078 Total Xylenes 0.063	---	S/9810-184 S/9810-184 Add.
RUA3-116	10/12/98	230	5,019	1,300	43	Benzene ND Toluene ND Ethyl Benzene 0.28 Total Xylenes 0.22	---	S/9810-184 S/9810-184 Add.
RUA3-117	10/12/98	230	4,610	1,400	8.2	Benzene ND Toluene ND Ethyl Benzene 0.050 Total Xylenes 0.039	---	S/9810-184 S/9810-184 Add.
RUA3-118	10/12/98	230	1,583	530	3.6	Benzene ND Toluene ND Ethyl Benzene 0.015 Total Xylenes 0.014	---	S/9810-184 S/9810-184 Add.
RUA3-119	10/13/98	237	720	116	9.5	BTEX ND	---	S/9810-196
RUA3-120	10/13/98	237	1,620	546	22	BTEX ND	---	S/9810-196
RUA3-121	10/13/98	237	986	90	0.084	BTEXND	---	S/9810-196
RUA3-122	10/13/98	238	1,139	273	0.2	BTEX ND	---	S/9810-196
RUA3-123	10/13/98	244	42	ND	ND	BTEX ND	---	S/9810-196
RUA3-124	10/13/98	244	1,068	230	0.13	BTEX ND	---	S/9810-196
RUA3-125	10/13/98	248	1,599	170	0.61	BTEX ND	---	S/9810-196
RUA3-126	10/13/98	248	1,098	270	0.18	BTEX ND	---	S/9810-196
RUA3-127	10/13/98	250	679	180	0.41	BTEX ND	---	S/9810-196
RUA3-128	10/13/98	250	761	267	0.22	BTEX ND	---	S/9810-196

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-129	10/14/98	251	5,700	2,400	290	Benzene ND Toluene ND Ethyl Benzene 1.50 Total Xylenes ND	---	S/9810-231
RUA3-130	10/14/98	250	3,300	987	270	Benzene ND Toluene ND Ethyl Benzene 0.80 Total Xylenes ND	---	S/9810-231
RUA3-131	10/14/98	250	3,700	1,200	32	Benzene ND Toluene ND Ethyl Benzene 2.0 Total Xylenes ND	---	S/9810-231
RUA3-132	10/14/98	253	6,800	2,400	50	Benzene ND Toluene ND Ethyl Benzene 3.0 Total Xylenes ND	---	S/9810-231
RUA3-133	10/14/98	253	2,900	550	15	Benzene ND Toluene ND Ethyl Benzene 0.12 Total Xylenes ND	---	S/9810-231
RUA3-134	10/14/98	254	8,500	4,600	55	Benzene ND Toluene ND Ethyl Benzene 0.18 Total Xylenes ND	---	S/9810-231
RUA3-135	10/14/98	254	3,600	1,800	33	Benzene ND Toluene ND Ethyl Benzene 0.20 Total Xylenes ND	---	S/9810-231
RUA3-136	10/14/98	254	8,500	2,700	310	Benzene ND Toluene ND Ethyl Benzene 0.90 Total Xylenes ND	---	S/9810-231
RUA3-137	10/15/98	258	454	74	1.3	BTEX ND	---	S/9810-264
RUA3-138	10/15/98	258	658	103	0.75	BTEX ND	---	S/9810-264
RUA3-139	10/15/98	260	638	ND	0.76	Benzene 0.76 Toluene ND Ethyl Benzene ND Total Xylenes ND	ND for all target compounds	S/9810-264 S/9810-264 Add.

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

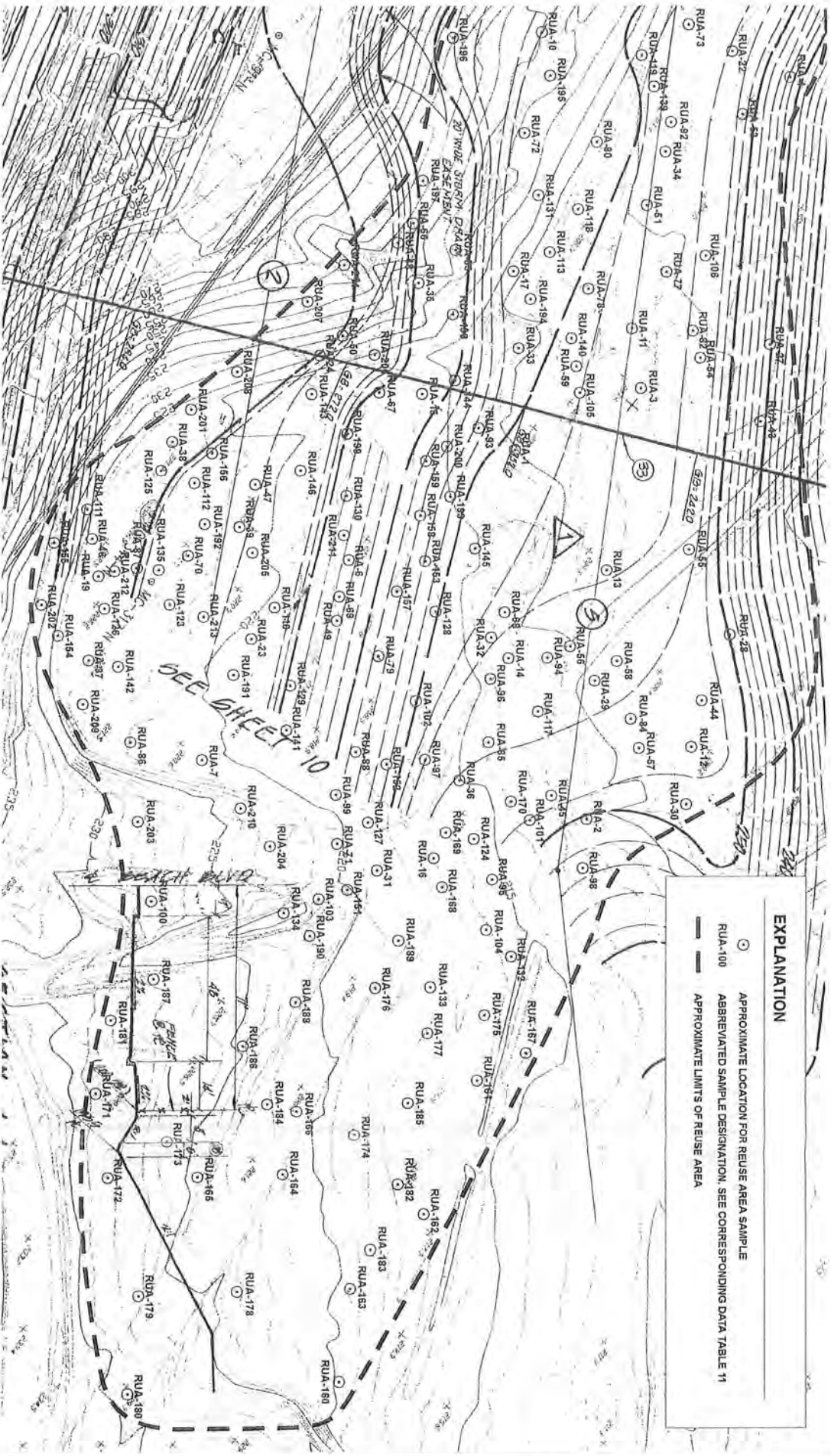
Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-140	10/15/98	260	2,305	1,200	120	BTEX ND	--	S/9810-264
RUA3-141	10/15/98	262	2,162	1,200	6.1	Benzene ND Toluene ND Ethyl Benzene 0.03 Total Xylenes ND	--	S/9810-264
RUA3-142	10/15/98	262	5,424	496	280	Benzene ND Toluene ND Ethyl Benzene 0.90 Total Xylenes ND	--	S/9810-264
RUA3-143	10/15/98	263	1,875	970	11	Benzene ND Toluene ND Ethyl Benzene 0.043 Total Xylenes ND	--	S/9810-264
RUA3-144	10/15/98	263	8,021	6,800	600	Benzene ND Toluene ND Ethyl Benzene 1.45 Total Xylenes ND	--	S/9810-264
RUA3-145	10/16/98	274	4,851	580	270	Benzene ND Toluene ND Ethyl Benzene 0.88 Total Xylenes 1.7	--	S/9810-284
RUA3-146	10/16/98	267	6,334	490	330	Benzene ND Toluene ND Ethyl Benzene 1.1 Total Xylenes ND	--	S/9810-284
RUA3-147	10/16/98	283	4,340	460	220	Benzene ND Toluene ND Ethyl Benzene 0.39 Total Xylenes ND	--	S/9810-284

Table 13. PLC Land Company, Tract 15030, La Habra, Closure Phase A, Former West Coyote Hills Oil Field, Summary of Laboratory Analyses for Inplace Soil Samples for Reuse Area 3

Sample Number	Sample Date	Sample Elevation* (feet)	EPA 418.1 TRPH (mg/kg)	EPA 8015M TPH Diesel (mg/kg)	EPA 8015M TPH Gasoline (mg/kg)	EPA 8020, BTEX (mg/kg)	EPA 8260, VOCs (ug/kg)	Lab/Report No.
Reuse Area 3 Inplace Soil Samples (See Figures 21, 21A, and 21B)								
RUA3-148	10/16/98	270	3,655	370	160	Benzene ND Toluene ND Ethyl Benzene 0.89 Total Xylenes 1.0	---	S/9810-284
RUA3-149	10/16/98	275	4,115	680	170	Benzene ND Toluene ND Ethyl Benzene 0.50 Total Xylenes 1.2	---	S/9810-284
RUA3-150	10/16/98	280	2,520	210	2.9	Benzene ND Toluene ND Ethyl Benzene 0.017 Total Xylenes 0.036	---	S/9810-284

Notes:

- EPA - Environmental Protection Agency Test Method
- EPA 418.1 - Total Recoverable Petroleum Hydrocarbons
- EPA 8015M, Diesel - Total Petroleum Hydrocarbons, Diesel Range
- EPA 8015M, Gasoline - Total Petroleum Hydrocarbons, Gasoline Range
- EPA 8020 BTEX - Benzene, Toluene, Ethylbenzene, and total Xylenes
- EPA 8260, VOC's - Volatile Organic Compounds
- TRPH - Total Recoverable Petroleum Hydrocarbons
- TPH - Total Petroleum Hydrocarbons
- mg/kg - milligrams per kilograms
- A/LR27743 - Associated Laboratories, Fixed Laboratory Report No. LR27743
- S/9809-437 - Sierra Analytical, Fixed Laboratory Report No. 9809-437
- ND - Not detected at a value greater than the detection limit.
- * - Elevations are considered approximate.



EXPLANATION	
	APPROXIMATE LOCATION FOR REUSE AREA SAMPLE
	ABBREVIATED SAMPLE DESIGNATION. SEE CORRESPONDING DATA TABLE 11
	APPROXIMATE LIMITS OF REUSE AREA



18700 BEACH BLVD, SUITE 205
HUNTINGTON BEACH, CA. 92648

DATE	10/21/98
REVISED	
CAD FILE	PLCMP1

REUSE AREA 1 MAP 1
PLC LAND COMPANY TRACT 15030 LA HABRA, CA.

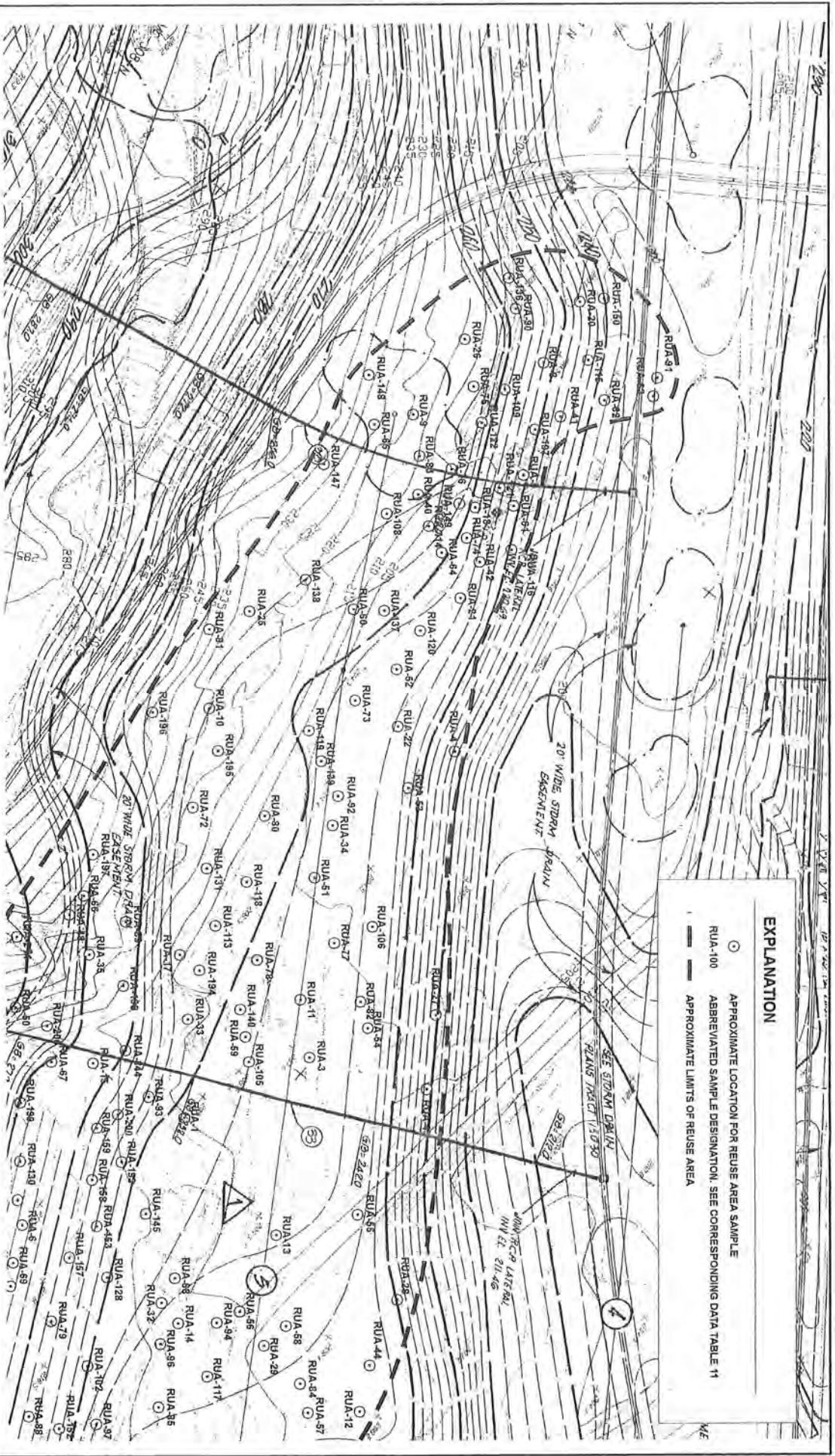
FIGURE NO.	19
PROJECT NO.	01-2450001-04



NORTH



Approximate Scale:
1 inch = 50 feet
Note: All boundaries and locations are approximate.



EXPLANATION

- APPROXIMATE LOCATION FOR REUSE AREA SAMPLE
- RUA-100 ABBREVIATED SAMPLE DESIGNATION. SEE CORRESPONDING DATA TABLE 11
- APPROXIMATE LIMITS OF REUSE AREA



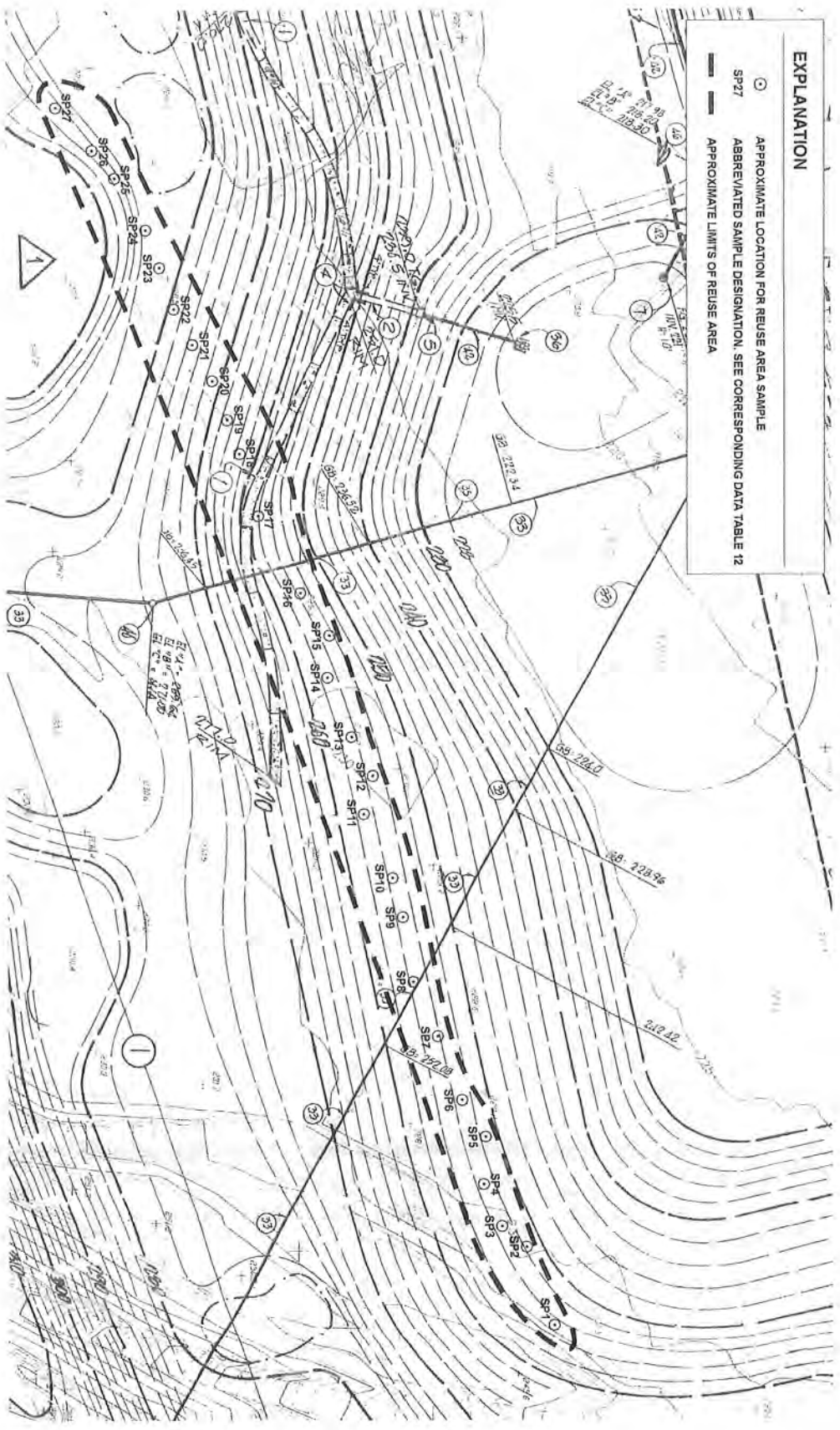
Approximate Scale:
 1 inch = 50 feet
 0 50 100 120

Note: All boundaries and locations are approximate.

<p>MILLER BROOKS Environmental, Inc.</p>	DATE	10/21/98	<p>REUSE AREA 1 MAP 2</p>	<p>FIGURE NO. 19A</p>
	REVISION			
<p>18700 BEACH BLVD, SUITE 205 HUNTINGTON BEACH, CA. 92648</p>	CAD FILE	PLCMP2	<p>PLC LAND COMPANY TRACT 15030 LA HABRA, CA.</p>	<p>PROJECT NO. 01-2450001-04</p>

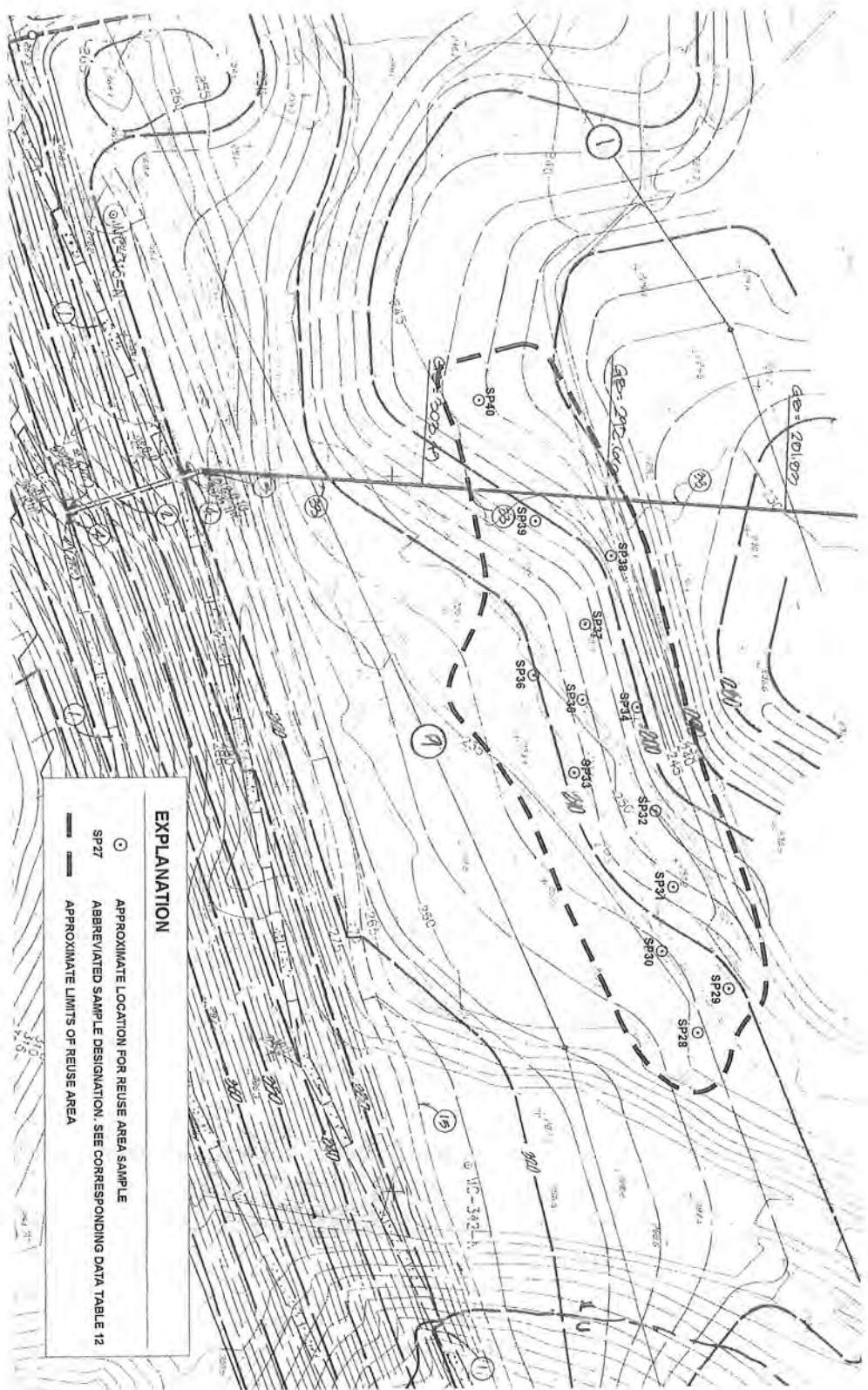
EXPLANATION

- APPROXIMATE LOCATION FOR REUSE AREA SAMPLE
- SP27 ABBREVIATED SAMPLE DESIGNATION, SEE CORRESPONDING DATA TABLE 12
- APPROXIMATE LIMITS OF REUSE AREA



Note: All boundaries and locations are approximate.

<p>MILLER BROOKS Sacramento, Inc.</p>		DATE	05/07/99	<p>REUSE AREA 2 MAP 1</p>	<p>FIGURE NO. 20</p>
		REVISION			
<p>18700 BEACH BLVD, SUITE 205 HUNTINGTON BEACH, CA. 92648</p>		CAD FILE	PLCRUA2	<p>PLC LAND COMPANY TRACT 15030 LA HABRA, CA.</p>	<p>PROJECT NO. 01-2450001-04</p>



EXPLANATION	
	APPROXIMATE LOCATION FOR REUSE AREA SAMPLE
	ABBREVIATED SAMPLE DESIGNATION. SEE CORRESPONDING DATA TABLE 12
	APPROXIMATE LIMITS OF REUSE AREA



MILLER BROOKS
Environmental, Inc.
18700 BEACH BLVD, SUITE 205
HUNTINGTON BEACH, CA 92648

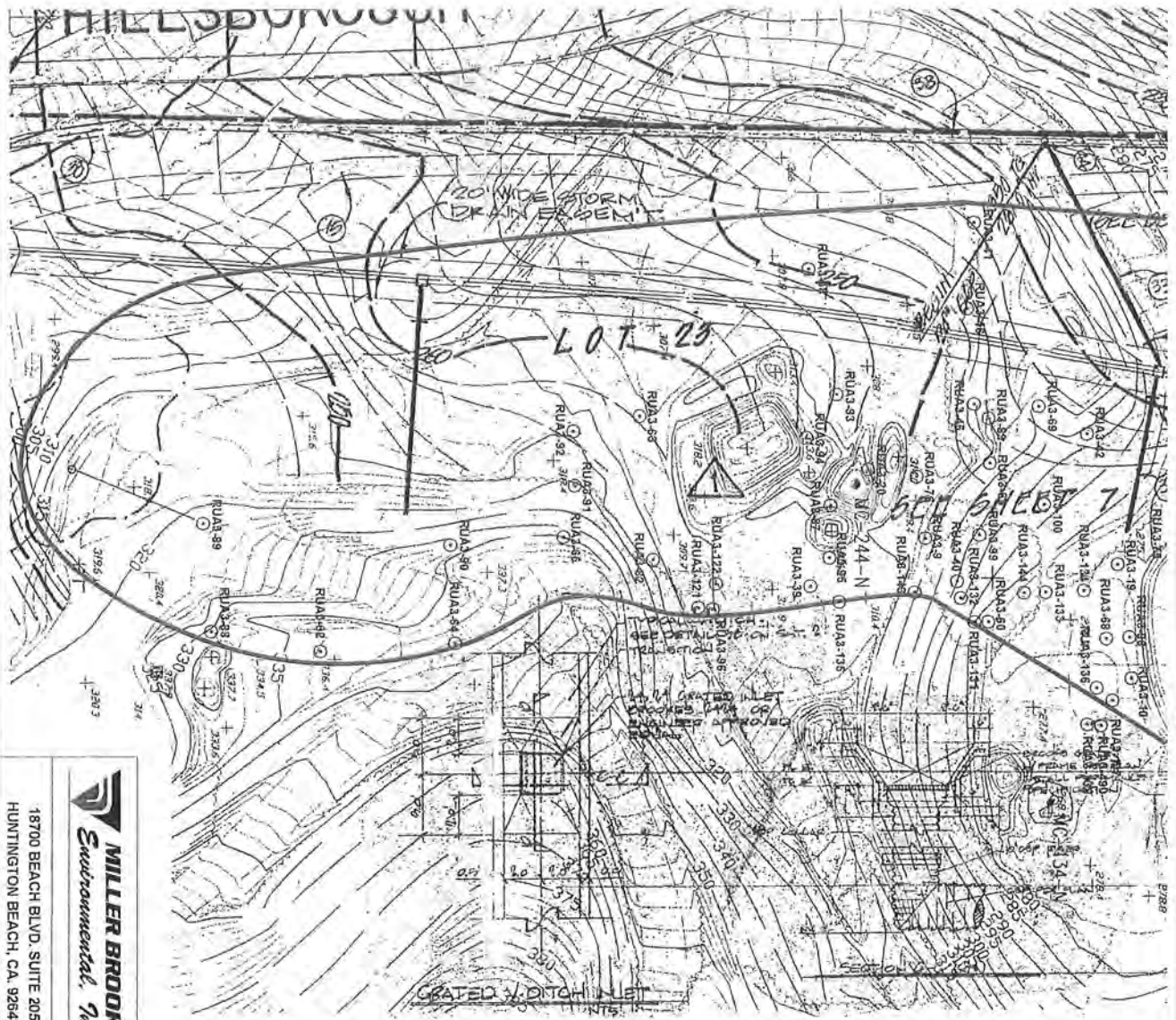
DATE	05/07/99
REVISION	
CAD FILE	PLCRUA2A

REUSE AREA 2
MAP 2
PLC LAND COMPANY
TRACT 15030
LA HABRA, CA.

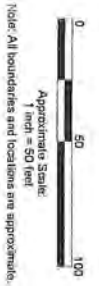
FIGURE NO.
20A
PROJECT NO.
01-2450001-04



Approximate Scale:
1 inch = 60 feet.
Note: All boundaries and locations are approximate.



EXPLANATION	
	APPROXIMATE FINAL APPROVED LIMITS
	ABBREVIATED SAMPLE DESIGNATION
	APPROXIMATE LOCATION FOR REUSE AREA SAMPLE

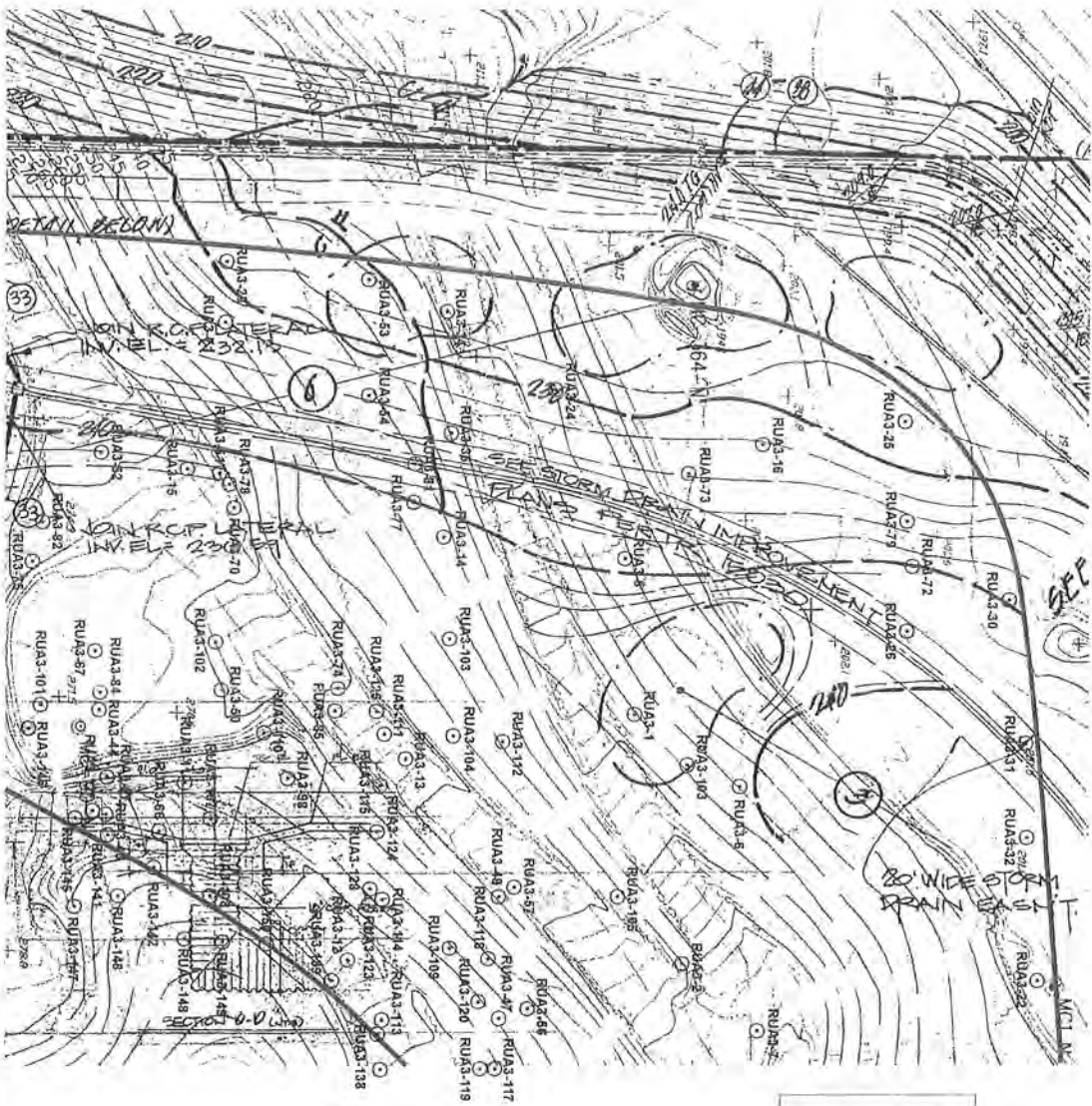


MILLER BROOKS
Environmental, Inc.
 18700 BEACH BLVD, SUITE 205
 HUNTINGTON BEACH, CA 92648

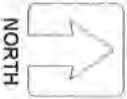
DATE: 12/19/98
 REVISION: CAD FILE PL/CMP5A

REUSE AREA 3
 MAP 1
 PLC LAND COMPANY
 TRACT 15030
 LA HABRA, CA.

FIGURE NO. 21
 PROJECT NO. 01-245001-04



EXPLANATION	
	APPROXIMATE FINAL APPROVED LIMITS
	ABBREVIATED SAMPLE DESIGNATION
	APPROXIMATE LOCATION FOR REUSE AREA SAMPLE



Approximate Scale:
1 inch = 50 feet
Note: All boundaries and locations are approximate.



18700 BEACH BLVD, SUITE 205
HUNTINGTON BEACH, CA. 92648

DATE	12/19/98
REVISION	
CAD FILE	PLCMP3A

REUSE AREA 3 MAP 2
PLC LAND COMPANY TRACT 15030 LA HABRA, CA.

FIGURE NO.	21A
PROJECT NO.	01-2480001-04



EXPLANATION

- APPROXIMATE FINAL APPROVED LIMITS
- RUAs-1 ABBREVIATED SAMPLE DESIGNATION
- APPROXIMATE LOCATION FOR REUSE AREA SAMPLE



Approximate Scale:
1 inch = 50 feet

Note: All boundaries and locations are approximate.



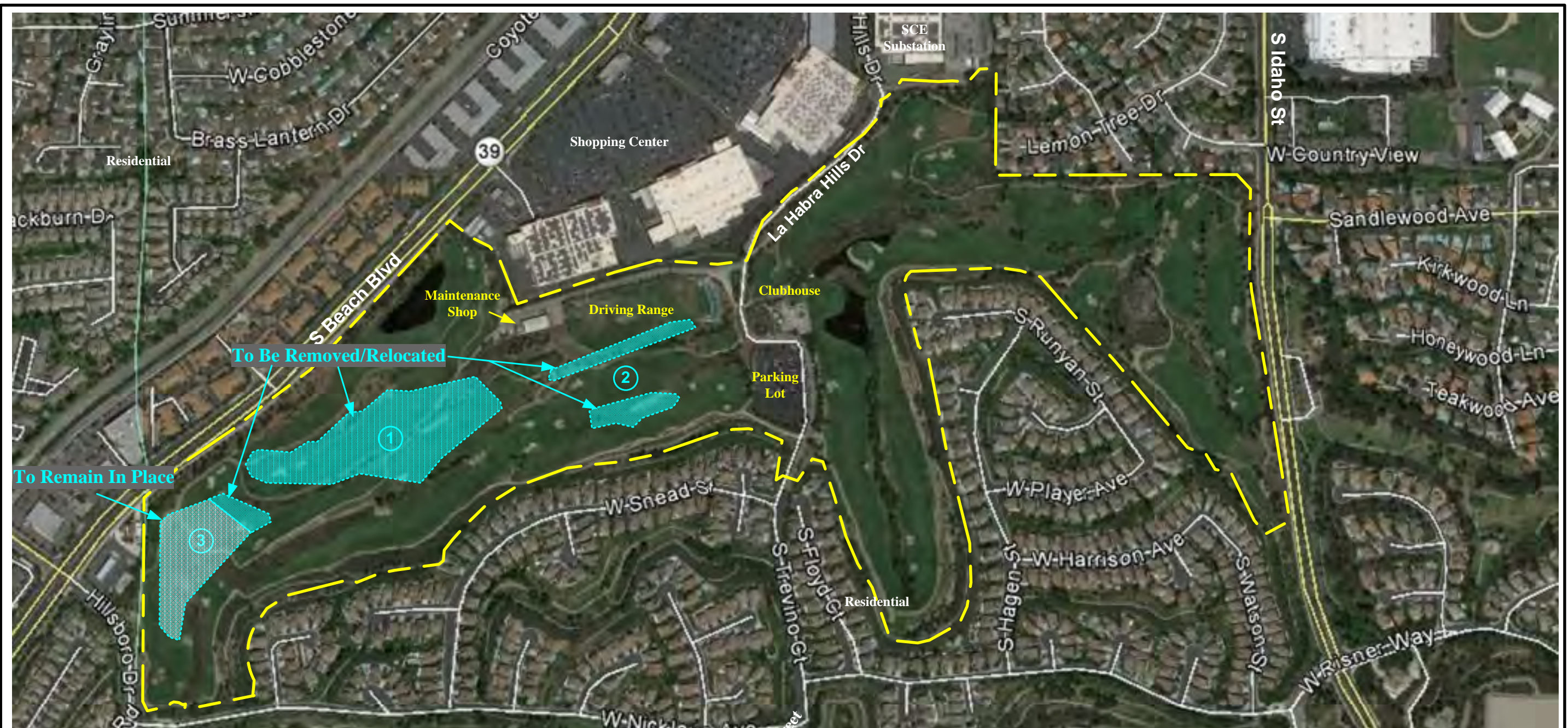
NORTH

<p>MILLER BROOKS Environmental, Inc.</p> <p>18700 BEACH BLVD, SUITE 205 HUNTINGTON BEACH, CA. 92648</p>	DATE	12/19/98	<p>REUSE AREA 3 MAP 3</p> <p>PLC LAND COMPANY TRACT 15030 LA HABRA, CA.</p>	<p>FIGURE NO. 21B</p>
	REVISED			
	CAD FILE	PLCNP4A		
	PROJECT NO.	01-265001-144		

ENCLOSURE B

11x17 Copies of Figure 3, Figure 4 and 20-foot Hold Down with Removal Map

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Source: Google Earth, 2015; Image Date: April 23, 2015

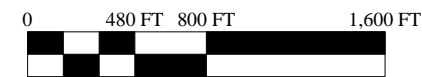
LEGEND



Existing Soil Reuse Areas



Scale: 1" = 800'



Note: All Locations Are Approximate

SITE MAP w/ Existing Reuse Areas

STANDARD PACIFIC HOMES
 Proposed Residential Property
 1400 South La Habra Hills Drive
 APNs 019-481-03 and 019-481-04
 La Habra, Orange County, California 90631
 EEI Project Number SPH-71933.1
 Created June 2015



FIGURE 3

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Source: Google Earth, 2015; Image Date: April 23, 2015

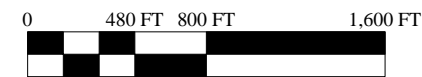
LEGEND



**Proposed Soil Deep Fill (20-ft. Cover) Areas
w/ estimated volume (in cubic yards)**



Scale: 1" = 800'



Note: All Locations Are Approximate

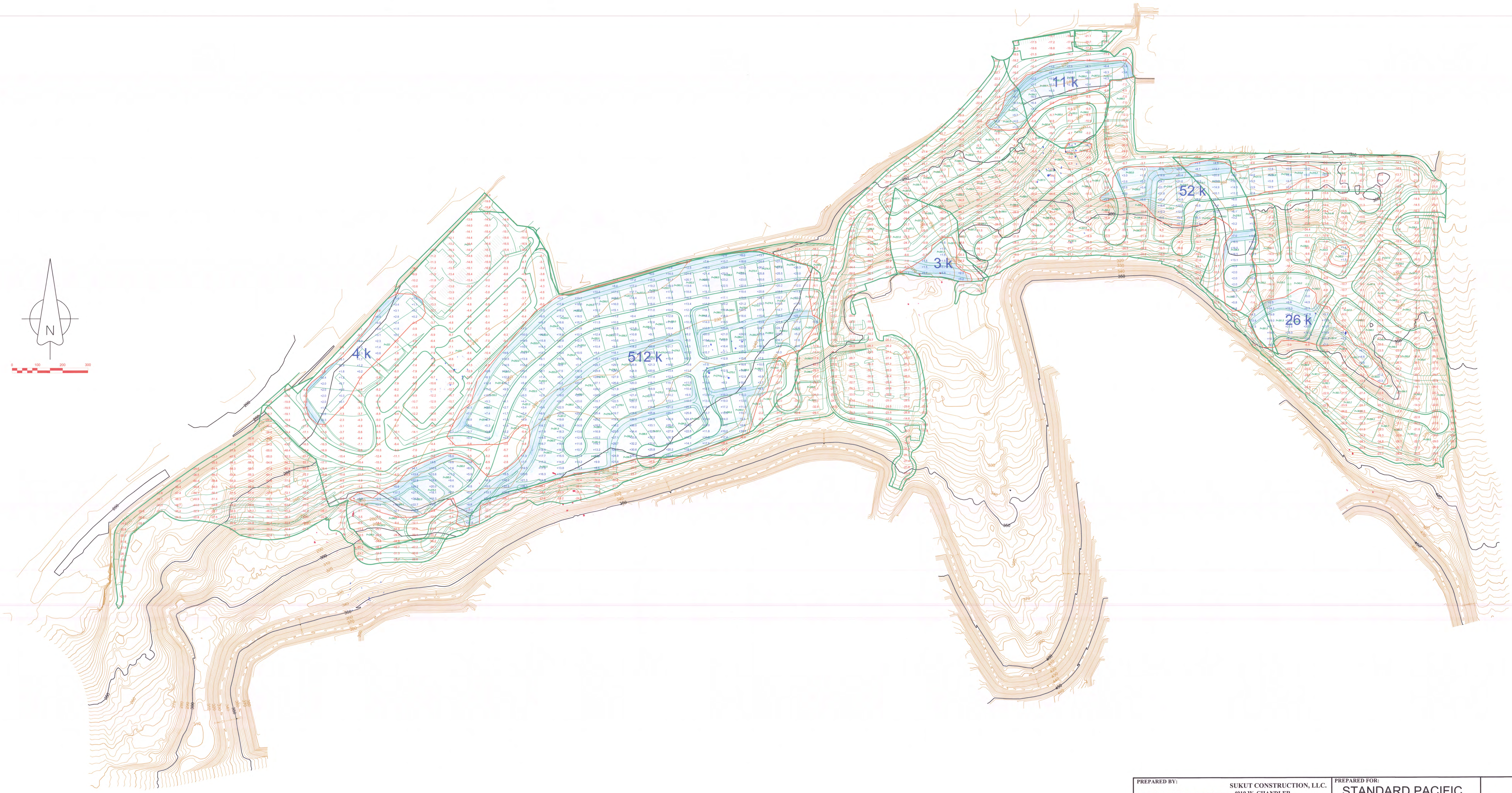
SITE MAP w/ Deep Fill Locations

STANDARD PACIFIC HOMES
Proposed Residential Property
 1400 South La Habra Hills Drive
 APNs 019-481-03 and 019-481-04
 La Habra, Orange County, California 90631
 EEI Project Number SPH-71933.1
 Created July 2015



FIGURE 4

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PREPARED BY:
SUKUT
 CONSTRUCTION

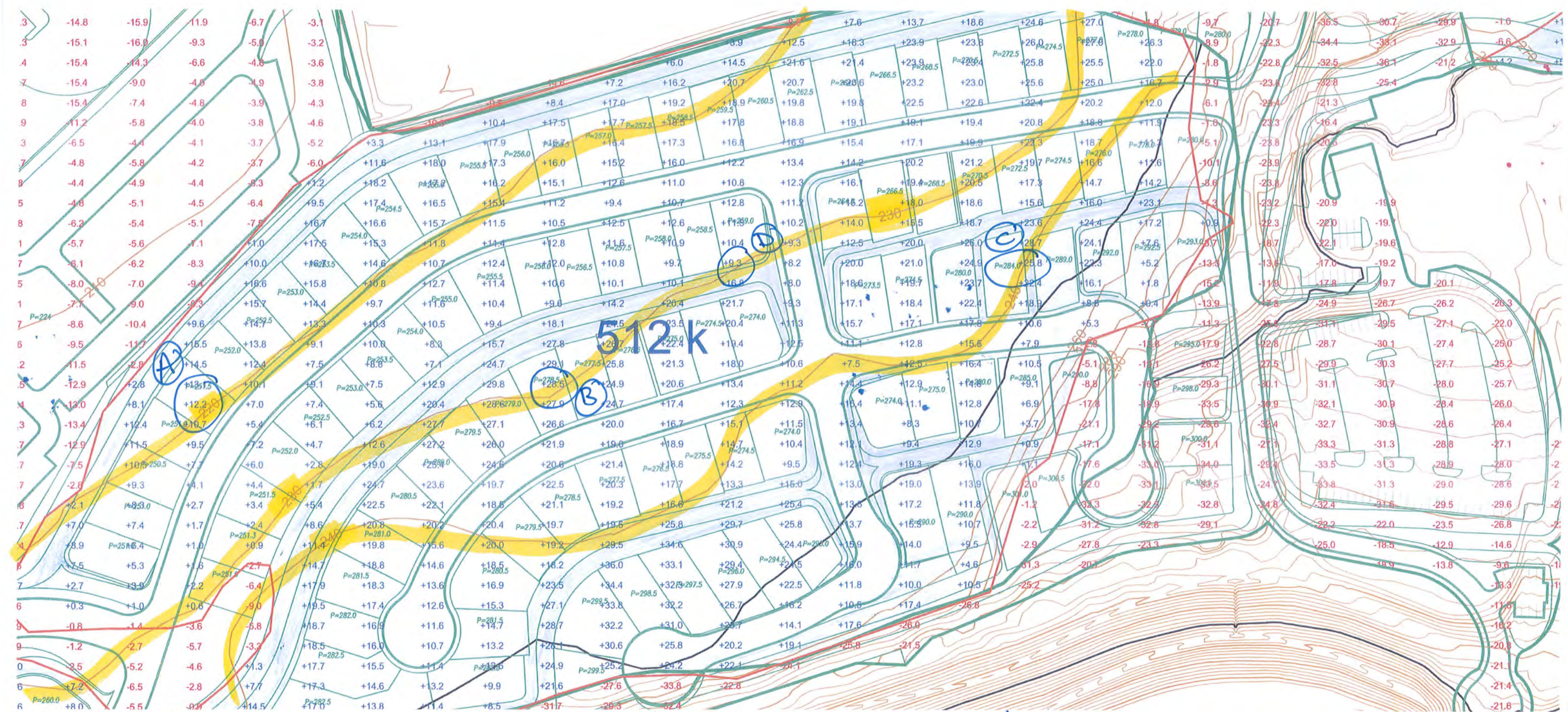
SUKUT CONSTRUCTION, LLC.
 4010 W. CHANDLER
 SANTA ANA, CA. 92704
 PHONE (714) 540-5351
 FAX (714) 545-2003
 www.Sukut.com

PREPARED FOR:
STANDARD PACIFIC HOMES

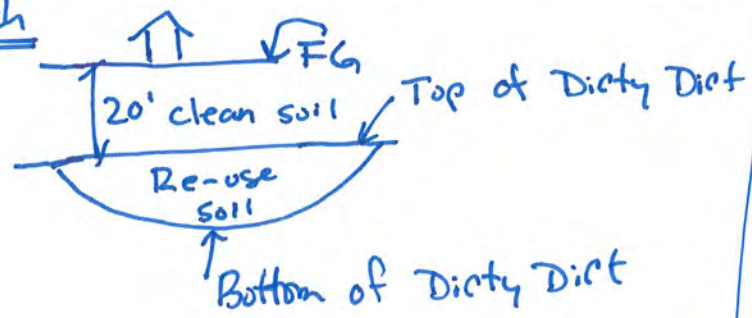
WESTRIDGE
 20 Ft Hold Down with Removal

SOURCE FILES BY: S:\MS-TAKEOFFS\MAPS\Cut Fill Map
 BID/PROJECT NUMBER: 14-106
 SCALE: 1:100
 DATE: June 2015
 SHEET 1 OF 1

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X-Section Sketch



Bottom of Dirty Dirt is:

FG - 20' - thickness of Dirty Dirt

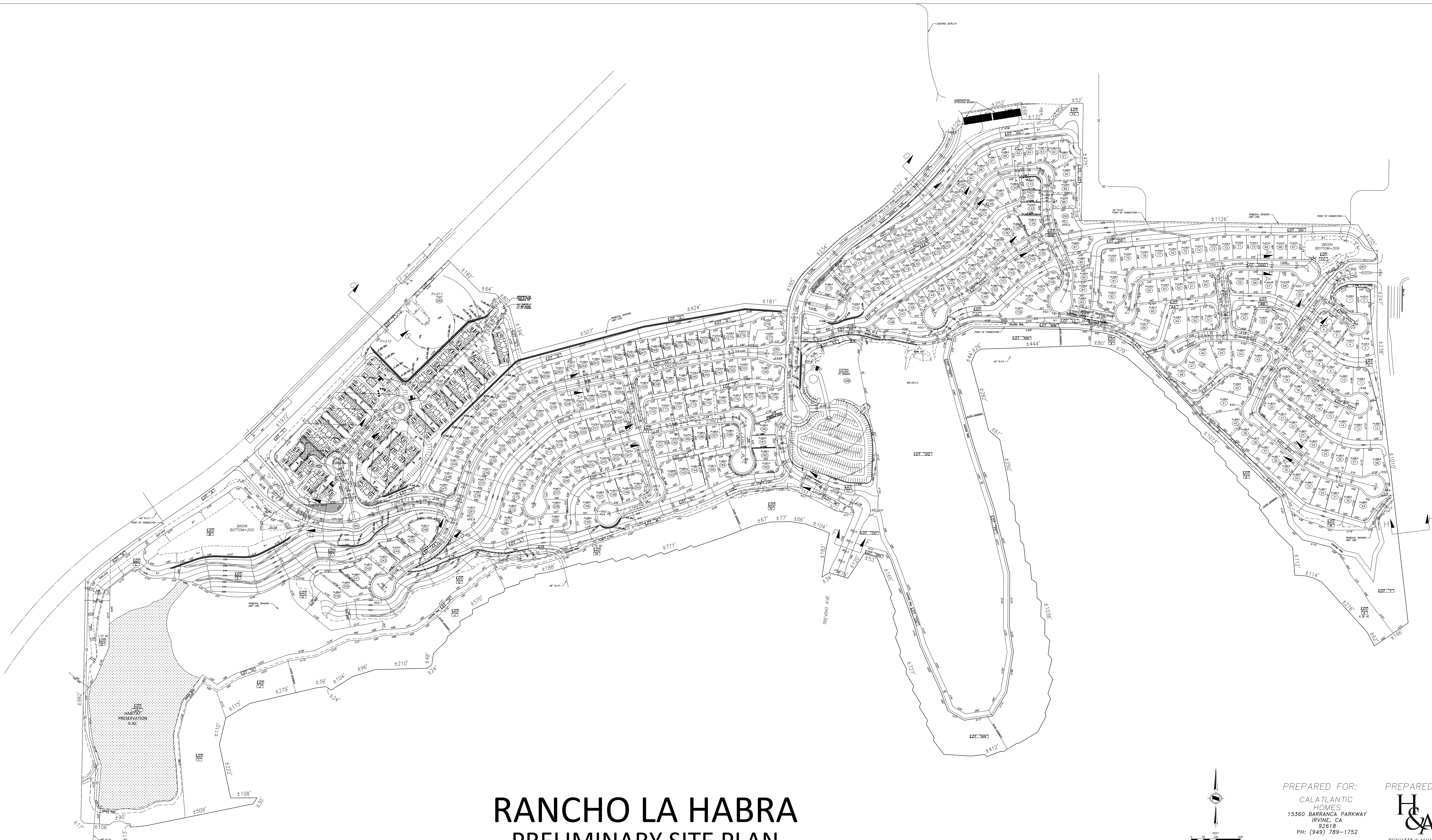
$e \textcircled{D} \quad 259 - 20 - 9.3 = 229.7'$ (on 230 contour)

- $e \textcircled{A} \quad 251.5 - 20 - 12.2 = 219.3'$ (on 220' contour) ✓
- $e \textcircled{B} \quad 278.5 - 20 - 28.5 = 230'$ (on 230' contour) ✓
- $e \textcircled{C} \quad 284.0 - 20 - 25.8 = 238.2'$ (on 240' contour) ✓

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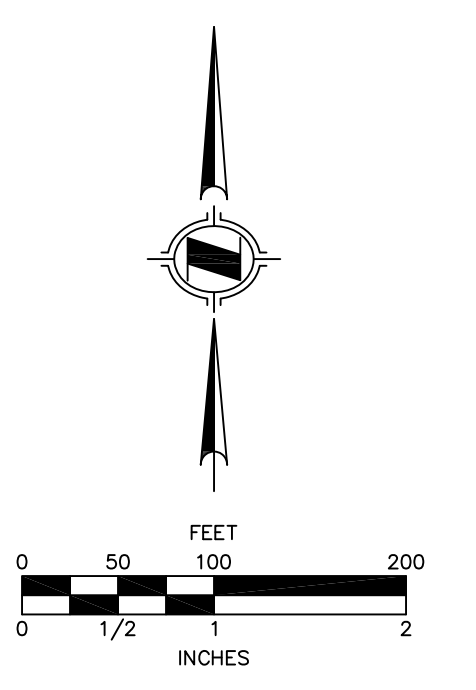
**ENCLOSURE C
Proposed Development Plan**

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RANCHO LA HABRA

PRELIMINARY SITE PLAN



PREPARED FOR:
CALATLANTIC HOMES
 15360 BARRANCA PARKWAY
 IRVINE, CA
 92618
 PH: (949) 789-1752

PREPARED BY:
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 HUNSAKER & ASSOCIATES
 PLANNING • ENGINEERING • SURVEYING
 11000 S. TULSA AVE., SUITE 100
 IRVINE, CA 92618
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