February 5, 2015

Ms. Dilan Roe
Site Cleanup Program Manager
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94501-6577

Subject: **Addendum to Investigation and Soil Removal Work Plan**
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California
Site Cleanup Program Case No. RO0003014

Dear Ms. Roe:

Enclosed please find a letter entitled *Addendum to Investigation and Soil Removal Work Plan* for the Crown Chevrolet Cadillac Isuzu site at 7544 Dublin Boulevard, in Dublin, California (Site Cleanup Program Case No. RO0003014, GeoTracker Global ID T10000001616). This letter was prepared by AMEC Environment & Infrastructure, Inc. (AMEC), on behalf of Crown Chevrolet.

I declare under penalty of perjury that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Please contact me at (415) 602-8128 if you have any questions regarding this letter.

Sincerely yours,

Sean Murphy
BWD Dublin LLC

Attachment: Addendum to Investigation and Soil Removal Work Plan

February 5, 2015

Project OD10160070

Ms. Dilan Roe
Site Cleanup Program Manager
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94501-6577

Subject: **Addendum to Investigation and Soil Removal Work Plan**
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California
Site Cleanup Program Case No. RO0003014

Dear Ms. Roe:

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) on behalf of the Betty J. Wooverton Trust and Crown Chevrolet Cadillac Isuzu (collectively, Crown) has prepared this letter to present additional planned soil removal activities at the former Crown Chevrolet Cadillac Isuzu site (the site; Figure 1). This letter is an addendum to Amec Foster Wheeler's *Revised Additional Investigation and Soil Removal Work Plan* (Work Plan) dated August 27, 2014.

In accordance with the Work Plan, Amec Foster Wheeler conducted soil sampling at the site from December 15, 2014, through January 6, 2015, following the demolition of all site buildings and the concrete slabs beneath each building, and removal of all identified utilities. The analytical results of soil samples collected during that period indicated the presence of chemicals in soil in several areas of the site at concentrations greater than Environmental Screening Levels (ESLs), published by the California Regional Water Quality Control Board, San Francisco Bay Region, for shallow soil in a residential land use setting (see attached Tables 1 through 5).

The purpose of this addendum is to describe proposed remedial actions for the identified affected soil at the site. A brief summary of the findings of the soil sampling is presented below, followed by the proposed remedial actions and confirmation sampling.

It should be noted that the asphalt and concrete hardscape surrounding the former buildings remains in place at this time and will be demolished following the previously planned soil removal discussed in the Work Plan and the soil removal outlined in this addendum.

SOIL ANALYTICAL RESULTS

The soil samples collected at the site following the removal of the concrete slabs and utilities indicated the presence of affected soil at six locations. The sampling results are presented in Tables 1 through 5, and the concentrations greater than ESLs are presented on Figure 2. The affected areas are summarized as follows:

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- Soil at a depth of 2.5 feet below ground surface (bgs) beneath a former sump in Building C (location BCFS1) is affected by total petroleum hydrocarbons quantified as diesel (TPHd), total petroleum hydrocarbons quantified as motor oil (TPHmo), lead, and 2-methylnaphthalene at concentrations greater than their respective ESLs.
- Soil at a depth of 2.5 feet bgs in Building B below former piping associated with a former waste oil underground storage tank (location WOTP1) is affected by TPHmo at concentrations greater than the ESL.
- Soil at a depth of 8 feet bgs below each of four former hydraulic lifts in Building B (locations HL-1, HL-3, HL-6, and HL-8) is affected by one or more of the following chemicals at concentrations greater than their respective ESLs: TPHd, TPHmo, tetrachloroethene (PCE), toluene, and polychlorinated biphenyls (PCBs; specifically PCB-1260).

Details regarding Amec Foster Wheeler's sampling methods and copies of the laboratory analytical reports will be presented in a report that will be submitted to Alameda County Environmental Health following the completion of the activities described in the Work Plan and this addendum. That report will also include updated tables and figures similar to those presented in this addendum.

SOIL REMOVAL

The soil identified at concentrations greater than ESLs will be excavated and removed from the site. It is anticipated that this work will be conducted during the same mobilization as the planned soil removal outlined in the Work Plan. The anticipated schedule of soil removal work is as follows:

- First, conduct the soil removal and confirmation sampling described in this addendum;
- Second, conduct the previously planned soil removal described in the Work Plan, and;
- Third, perform any additional soil removal at the six areas described in this addendum, if needed based on the results of the confirmation sampling, and backfill the excavations.

The entire site is surrounded by 8-foot high fencing, restricting unauthorized access into the area. Additional fencing and/or trench plating will be placed around and/or over the excavations pending the results of the confirmation samples as a supplemental health and safety measure for site workers.

Excavation Plan

At each of the six affected areas, excavation equipment will be used to remove soil to depths greater than those of the samples collected following demolition (Tables 1 through 5; Figure 2).

During the soil removal activities, the soil will be screened for the presence of volatile organic compounds (VOCs) using a photoioniozation detector (PID) and visual observations for soil discoloration will be conducted. Each excavation will proceed vertically and laterally until no evidence of significant impacts is observed. If no odor or staining is observed during the soil removal activities, the excavations are planned to be completed as follows:

- At the former sump in Building C, the excavation is anticipated to be 6 feet long by 3 feet wide and extend to approximately 4.5 feet bgs.
- At the former waste oil tank piping sample location, the excavation is anticipated to be 6 feet long by 3 feet wide and extend to approximately 4.5 feet bgs.
- At each of the four former hoist locations, the excavations are anticipated to be 6 feet long by 3 feet wide and extend to approximately 10 feet bgs.

Confirmation Sampling

Confirmation soil samples will be collected from the four sidewalls and bottom of each excavation, using the methodology described in the Work Plan, to confirm that concentrations of the constituents of concern are below their respective ESLs. The samples will be analyzed for the constituent(s) that were previously detected at concentrations greater than their respective ESLs (e.g., the samples collected from beneath the former sump in Building C will be analyzed for TPHd, TPHmo, lead, and 2-methylnaphthalene) using the analytical methods described in the Work Plan.

It should be noted that the reporting limits for some VOCs, semivolatile organic compounds (SVOCs), and PCBs in sample HL-3-8.0 were greater than their respective ESLs. Therefore, the confirmation samples collected following the soil removal beneath hydraulic lift HL-3 will be analyzed for VOCs, SVOCs, and PCBs, in addition to the chemicals previously detected at concentrations greater than ESLs (PCE, toluene, TPHd, and TPHmo).

Backfilling

The excavations will not be backfilled until confirmation sampling has been conducted and the results have been received, indicating that concentrations are less than their respective ESLs. If any confirmation sample results are greater than ESLs, additional soil removal and confirmation sampling will be conducted until the confirmation sample results are less than ESLs. Following receipt of the confirmation sample results indicating that the concentrations are less than ESLs, the excavation equipment will be used to push soil from the areas surrounding the excavations into the excavations in order to create a relatively flat surface that is not a safety hazard. It is anticipated that the site will be re-graded in the next several months.

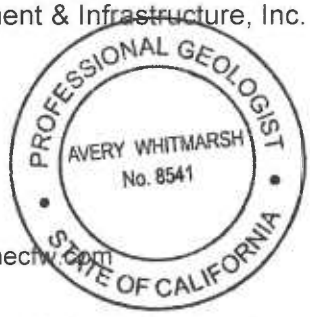
Soil Management and Disposal

The soil removed from the excavations will be stockpiled, sampled, and disposed of off-site using the methods described in the Work Plan.

SCHEDULE

The soil removal work is anticipated to commence within approximately 2 weeks of approval of this addendum. The work is anticipated to be completed within approximately 1 week, including the planned soil removal outlined in the Work Plan. Documentation of the soil removal activities will be included in the report that also documents the scope of work outlined in the Work Plan. That report will be submitted to ACEH approximately 8 weeks following completion of the activities described in the Work Plan.

Sincerely yours,
Amec Foster Wheeler Environment & Infrastructure, Inc.



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Attachments: Table 1—Volatile Organic Compounds in Soil
Table 2—Total Petroleum Hydrocarbons in Soil
Table 3—Semivolatile Organic Compounds in Soil
Table 4—Metals in Soil
Table 5—Polychlorinated Biphenyls in Soil
Figure 1—Site Location Map
Figure 2—Soil Analytical Results Greater than ESLs

amec
foster
wheeler

TABLES

TABLE 1

VOLATILE ORGANIC COMPOUNDS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in micrograms per kilogram (µg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	TPHg	Acetone	Chlorobenzene	1,2-Dichlorobenzene	Tetrachloroethene	Toluene	Other VOCs[2]
Building B									
SSB1-1.0	12/16/2014	1.0	<220 [3]	75	<4.4	36	<4.4	<4.4	ND
SSB2-1.0	12/16/2014	1.0	<180	<37	<3.7	<3.7	<3.7	<3.7	ND
SSB3-1.0	12/16/2014	1.0	<210	<41	<4.1	<4.1	<4.1	<4.1	ND
SSB4-1.0	12/17/2014	1.0	<200	59	<4.0	<4.0	<4.0	<4.0	ND
SSB5-1.5	12/17/2014	1.0	<210	<41	<4.1	<4.1	<4.1	<4.1	ND
SSB6-1.0	12/22/2014	1.0	<260	<51	<5.1	<5.1	<5.1	<5.1	ND
SSB7-1.0	12/22/2014	1.0	<190	<39	<3.9	<3.9	<3.9	<3.9	ND
SSB8-2.5	12/30/2014	2.5	<200	<40	<4.0	<4.0	<4.0	<4.0	ND
HL-1-8.0	12/29/2014	8.0	<210	<42	<4.2	<4.2	7.1	<4.2	ND
HL-2-8.0	12/29/2014	8.0	<180	<37	<3.7	<3.7	<3.7	<3.7	ND
HL-3-8.0	12/29/2014	8.0	40,000	<4,100	<410	<410	**590** [4]	**3,000**	ND
HL-4-8.0	12/29/2014	8.0	230	<47	<4.7	<4.7	<4.7	<4.7	ND
HL-5-8.0	12/29/2014	8.0	<190	<39	<3.9	<3.9	<3.9	<3.9	ND
HL-6-8.0	12/29/2014	8.0	<180	<40	<3.5	<3.5	<3.5	<3.5	ND
HL-7-8.0	12/29/2014	8.0	<180	<36	<3.6	<3.6	6.8	<3.6	ND
HL-8-8.0	12/29/2014	8.0	<190	<38	<3.8	<3.8	7.5	<3.8	ND
HL-9-8.0	12/29/2014	8.0	<190	<39	<3.9	<3.9	11	<3.9	ND
HL-10-8.0	12/29/2014	8.0	<190	61	<3.9	<3.9	5.5	<3.9	ND
HL-11-8.0	12/29/2014	8.0	<200	<39	<3.9	<3.9	<3.9	<3.9	ND
HL-12-8.0	12/29/2014	8.0	<200	<40	<4.0	<4.0	<4.0	<4.0	ND
HL-13-8.0	12/29/2014	8.0	<200	<39	20	18	<3.9	<3.9	ND
HL-14-8.0	12/29/2014	8.0	<200	<40	<4.0	<4.0	<4.0	<4.0	ND
DL-2-2.5	12/30/2014	2.5	<210	<43	<4.3	<4.3	<4.3	<4.3	ND

TABLE 1

VOLATILE ORGANIC COMPOUNDS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in micrograms per kilogram (µg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	TPHg	Acetone	Chlorobenzene	1,2-Dichlorobenzene	Tetrachloroethene	Toluene	Other VOCs[2]
Building B	**(cont'd)**								
DL-3-2.75	12/30/2014	2.8	<260	<51	<5.1	<5.1	<5.1	<5.1	ND
DL-4-3.0	12/30/2014	3.0	<250	<50	<5.0	<5.0	<5.0	<5.0	ND
DL-5-3.25	12/30/2014	3.3	<230	<46	<4.6	<4.6	<4.6	<4.6	ND
DL-6-3.5	12/30/2014	3.5	<210	<43	<4.3	<4.3	<4.3	<4.3	ND
DL-7-3.75	12/30/2014	3.8	<230	110	<4.7	<4.7	<4.7	<4.7	ND
DL-8-4.0	12/30/2014	4.0	<200	<39	<3.9	<3.9	<3.9	<3.9	ND
BBFS1-2.5	1/6/2015	2.5	<210	<42	<4.2	<4.2	<4.2	<4.2	ND
Building C									
SSC1-1.0	12/19/2014	1.0	<230	<47	<4.7	<4.7	<4.7	<4.7	ND
SSC2-1.0	12/19/2014	1.0	<230	<46	<4.6	<4.6	<4.6	<4.6	ND
SSC3-1.0	12/19/2014	1.0	<220	<44	<4.4	<4.4	<4.4	<4.4	ND
SSC4-1.0	12/23/2014	1.0	<230	<46	<4.6	<4.6	<4.6	<4.6	ND
SSC5-1.0	12/23/2014	1.0	<220	50	<4.4	<4.4	<4.4	<4.4	ND
SSC6-1.0	12/23/2014	1.0	<190	<39	<3.9	<3.9	<3.9	<3.9	ND
BCFS1-2.5	12/19/2014	2.5	<200	<39	<3.9	<3.9	<3.9	<3.9	ND
BCDL1-1.0	12/30/2014	1.0	<220	<45	<4.5	<4.5	<4.5	<4.5	ND
BCDL2-1.0	12/30/2014	1.0	<240	<48	<4.8	<4.8	<4.8	<4.8	ND
BCDL3-1.0	12/30/2014	1.0	<210	95	<4.2	<4.2	<4.2	<4.2	ND
BCFS2-2.5	1/6/2015	2.5	<200	<40	<4.0	<4.0	<4.0	<4.0	ND
Building D									
SSD1-1.5	12/15/2014	1.5	<190	<38	<3.8	<3.8	<3.8	<3.8	ND

TABLE 1

VOLATILE ORGANIC COMPOUNDS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in micrograms per kilogram (µg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	TPHg	Acetone	Chlorobenzene	1,2-Dichlorobenzene	Tetrachloroethene	Toluene	Other VOCs[2]
Other Areas									
CW-S-3.5	12/16/2014	3.5	<180	54	<3.6	<3.6	<3.6	<3.6	ND
WOTP1-1.25	12/30/2014	1.3	<280	<57	<5.7	<5.7	<5.7	<5.7	ND
WOTP2-2.5	12/30/2014	2.5	<220	<44	<4.4	<4.4	<4.4	<4.4	ND
WOTP3-4.0	12/30/2014	4.0	<210	<42	<4.2	<4.2	<4.2	<4.2	ND
Residential ESL (µg/kg)			**100,000**	**500**	**1,500**	**1,100**	**550**	**2,900**	**Various**

Notes

1. Samples analyzed for VOCs using U.S. EPA Method 8260B.
2. No other VOCs were detected. The other VOCs analyzed include methyl tert-butyl ether, benzene, dichlorobromomethane, bromobenzene, chlorobromomethane, bromoform, bromomethane, butanone (MEK), n-butylbenzene, sec-butylbenzene, tert-butylbenzene, carbon disulfide, carbon tetrachloride, chloroethane, chloroform, chloromethane, 2-chlorotoluene, 4-chlorotoluene, chlorodibromomethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,3-dichloropropane, 1,1-dichloropropene, 1,2-dibromo-3-chloropropane, ethylene dibromide, dibromomethane, dichlorodifluoromethane, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,2-dichloropropane, cis-1,3-dichloropropene, trans-1,3-dichloropropene, ethylbenzene, hexachlorobutadiene, 2-hexanone, isopropylbenzene, 4-isopropyltoluene, methylene chloride, 4-methyl-2-pentanone (MIBK), naphthalene, n-propylbenzene, styrene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, trichlorofluoromethane, 1,2,3-trichloropropane, 1,1,2-trichloro-1,2,2-trifluoroethane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, vinyl acetate, vinyl chloride, total xylenes, and 2,2-dichloropropane.
3. "< " indicates the compound was not detected at a concentration at or greater than the laboratory reporting limit shown.
4. Results greater than ESLs shown in **bold**.

Abbreviations

µg/kg = micrograms per kilogram
bgs = below ground surface
EPA = Environmental Protection Agency
ND = not detected
VOCs = volatile organic compounds

TABLE 2

TOTAL PETROLEUM HYDROCARBONS IN SOIL[1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in milligrams per kilogram (mg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	TPHd	TPHmo
Building B				
SSB1-1.0	12/16/2014	1.0	23	<50 [2]
SSB2-1.0	12/16/2014	1.0	2.2	<50
SSB3-1.0	12/16/2014	1.0	<0.98	<49
SSB4-1.0	12/17/2014	1.0	4.8	<49
SSB5-1.5	12/17/2014	1.0	2.4	<50
SSB6-1.0	12/22/2014	1.0	<1.0	<49
SSB7-1.0	12/22/2014	1.0	2.1	<50
SSB8-2.5	12/30/2014	2.5	10	<49
HL-1-8.0	12/29/2014	8.0	**1,600** [3]	**4,700**
HL-2-8.0	12/29/2014	8.0	<0.99	<49
HL-3-8.0	12/29/2014	8.0	**7,000**	**20,000**
HL-4-8.0	12/29/2014	8.0	1.7	<50
HL-5-8.0	12/29/2014	8.0	<1.0	<50
HL-6-8.0	12/29/2014	8.0	**1,800**	**5,000**
HL-7-8.0	12/29/2014	8.0	58	77
HL-8-8.0	12/29/2014	8.0	**770**	**990**
HL-9-8.0	12/29/2014	8.0	<1.0	<50
HL-10-8.0	12/29/2014	8.0	<1.0	<50
HL-11-8.0	12/29/2014	8.0	<1.0	<50
HL-12-8.0	12/29/2014	8.0	<0.99	<49
HL-13-8.0	12/29/2014	8.0	<1.0	<50
HL-14-8.0	12/29/2014	8.0	<0.99	<49
DL-2-2.5	12/30/2014	2.5	2.6	<49
DL-3-2.75	12/30/2014	2.8	<1.0	<50
DL-4-3.0	12/30/2014	3.0	1.4	<50
DL-5-3.25	12/30/2014	3.3	4.0	<49
DL-6-3.5	12/30/2014	3.5	5.4	<50
DL-7-3.75	12/30/2014	3.8	4.5	<50
DL-8-4.0	12/30/2014	4.0	1.3	<50
BBFS1-2.5	1/6/2015	2.5	16	<50
Building C				
SSC1-1.0	12/19/2014	1.0	<0.99 [2]	<50
SSC2-1.0	12/19/2014	1.0	<0.99	<50
SSC3-1.0	12/19/2014	1.0	1.1	<49
SSC4-1.0	12/23/2014	1.0	2.5	<50
SSC5-1.0	12/23/2014	1.0	2.0	<50
SSC6-1.0	12/23/2014	1.0	<0.99	<49
BCFS1-2.5	12/19/2014	2.5	**150**	**210**

TABLE 2

TOTAL PETROLEUM HYDROCARBONS IN SOIL[1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in milligrams per kilogram (mg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	TPHd	TPHmo
Building C	(cont'd)			
BCDL1-1.0	12/30/2014	1.0	1.8	<50
BCDL2-1.0	12/30/2014	1.0	2.3	<49
BCDL3-1.0	12/30/2014	1.0	2.8	<49
BCFS2-2.5	1/6/2015	2.5	1.1	<50
Building D				
SSD1-1.5	12/15/2014	1.5	1.3	<50
Other Areas				
CW-S-3.5	12/16/2014	3.5	21	74
WOTP1-1.25	12/30/2014	1.3	48	**120**
WOTP2-2.5	12/30/2014	2.5	2.5	<50
WOTP3-4.0	12/30/2014	4.0	1.3	<50
Residential ESL (mg/kg)			**100**	**100**

Notes

1. Samples analyzed for total petroleum hydrocarbons using U.S. EPA Method 8015B following a silica gel preparation procedure in accordance with U.S. EPA Method 3630B.
2. "<" indicates the compound was not detected at a concentration at or greater than the laboratory reporting limit shown.
3. Results greater than ESLs shown in **bold**.

Abbreviations

bgs = below ground surface
EPA = Environmental Protection Agency
TPHd = total petroleum hydrocarbons quantified as diesel
TPHg = total petroleum hydrocarbons quantified as gasoline
TPHmo = total petroleum hydrocarbons quantified as motor oil

TABLE 3

SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in milligrams per kilogram (mg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	Benzo(g,h,i) perylene	2-Methyl-naphthalene	Butyl benzyl phthalate	Bis(2-ethylhexl) phthalate	Other SVOCs [2]
Building B							
SSB1-1.0	12/16/2014	1.0	<0.066 [3]	<0.066	<0.17	<0.33	ND
SSB2-1.0	12/16/2014	1.0	<0.066	<0.066	<0.17	<0.33	ND
SSB3-1.0	12/16/2014	1.0	<0.066	<0.066	<0.17	<0.33	ND
SSB4-1.0	12/17/2014	1.0	<0.067	<0.067	<0.17	<0.33	ND
SSB5-1.5	12/17/2014	1.0	<0.067	<0.067	<0.17	<0.33	ND
SSB6-1.0	12/22/2014	1.0	<0.066	<0.066	<0.17	<0.33	ND
SSB7-1.0	12/22/2014	1.0	<0.067	<0.067	<0.17	<0.33	ND
SSB8-2.5	12/30/2014	2.5	<0.067	<0.067	<0.17	<0.33	ND
HL-1-8.0	12/29/2014	8.0	<0.66	<0.66	<1.7	<3.3	ND
HL-2-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-3-8.0	12/29/2014	8.0	<1.7	<1.7	<4.2	35	ND
HL-4-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-5-8.0	12/29/2014	8.0	<0.066	<0.066	<0.17	<0.33	ND
HL-6-8.0	12/29/2014	8.0	<0.67	<0.67	<1.7	<3.3	ND
HL-7-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-8-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-9-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-10-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-11-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-12-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-13-8.0	12/29/2014	8.0	<0.067	<0.067	<0.17	<0.33	ND
HL-14-8.0	12/29/2014	8.0	<0.066	<0.066	<0.17	<0.33	ND
DL-2-2.5	12/30/2014	2.5	<0.067	<0.067	<0.17	<0.33	ND
DL-3-2.75	12/30/2014	2.8	<0.066	<0.066	<0.17	<0.32	ND

TABLE 3

SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in milligrams per kilogram (mg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	Benzo(g,h,i) perylene	2-Methyl-naphthalene	Butyl benzyl phthalate	Bis(2-ethylhexl) phthalate	Other SVOCs [2]
DL-4-3.0	12/30/2014	3.0	<0.067	<0.067	<0.17	<0.33	ND
DL-5-3.25	12/30/2014	3.3	<0.067	<0.067	<0.17	<0.33	ND
DL-6-3.5	12/30/2014	3.5	<0.067	<0.067	<0.17	<0.33	ND
DL-7-3.75	12/30/2014	3.8	<0.067	<0.067	<0.17	<0.33	ND
DL-8-4.0	12/30/2014	4.0	<0.066	<0.066	<0.17	<0.33	ND
BBFS1-2.5	1/6/2015	2.5	<0.066	<0.066	<0.17	<0.33	ND
Building C							
SSC1-1.0	12/19/2014	1.0	<0.066	<0.066	<0.17	<0.33	ND
SSC2-1.0	12/19/2014	1.0	<0.066	<0.066	<0.17	<0.33	ND
SSC3-1.0	12/19/2014	1.0	<0.067	<0.067	<0.17	<0.33	ND
SSC4-1.0	12/23/2014	1.0	<0.066	<0.066	<0.17	<0.33	ND
SSC5-1.0	12/23/2014	1.0	<0.067	<0.067	<0.17	<0.33	ND
SSC6-1.0	12/23/2014	1.0	<0.066 [3]	<0.066	<0.17	<0.33	ND
BCFS1-2.5	12/19/2014	2.5	0.076	**0.27** [4]	0.19	1.2	ND
BCDL1-1.0	12/30/2014	1.0	<0.066	<0.066	<0.17	<0.33	ND
BCDL2-1.0	12/30/2014	1.0	<0.067	<0.067	<0.17	<0.33	ND
BCDL3-1.0	12/30/2014	1.0	<0.067	<0.067	<0.17	<0.33	ND
BCFS2-2.5	1/6/2015	2.5	<0.067	<0.067	<0.17	<0.33	ND
Building D							
SSD1-1.5	12/15/2014	1.5	<0.067	<0.067	<0.17	<0.33	ND
Other Areas							
CW-S-3.5	12/16/2014	3.5	<0.067	<0.067	<0.17	<0.33	ND
WOTP1-1.25	12/30/2014	1.3	<0.067	<0.067	<0.17	<0.33	ND
WOTP2-2.5	12/30/2014	2.5	<0.066	<0.066	<0.17	<0.33	ND

TABLE 3

SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in milligrams per kilogram (mg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	Benzo(g,h,i) perylene	2-Methyl-naphthalene	Butyl benzyl phthalate	Bis(2-ethylhexl) phthalate	Other SVOCs [2]
Other Areas (cont'd)							
WOTP3-4.0	12/30/2014	4.0	<0.067	<0.067	<0.17	<0.33	ND
Residential ESL (mg/kg)			**27**	**0.25**	**NA**	**160**	Various

Notes

1. Samples analyzed for SVOCs using U.S. EPA Method 8270C SIM.
2. Other SVOCs = phenol, bis(2-chloroethyl)ether, 2-chlorophenol, 1,3-dichlorobenzene, 1,4-dichlorobenzene, benzyl alcohol, 1,2-dichlorobenzene, 2-methylphenol, methylphenol, 3 & 4, n-nitrosodi-n-propylamine, hexachloroethane, nitrobenzene, isophorone, 2-nitrophenol, 2,4-dimethylphenol, bis(2-chloroethoxy)methane, 2,4-dichlorophenol, 1,2,4-trichlorobenzene, naphthalene, 4-chloroaniline, hexachlorobutadiene, 4-chloro-3-methylphenol, hexachlorocyclopentadiene, 2,4,6-trichlorophenol, 2,4,5-trichlorophenol, 2-chloronaphthalene, 2-nitroaniline, dimethyl phthalate, acenaphthylene, 3-nitroaniline, acenaphthene, 2,4-dinitrophenol, 4-nitrophenol, dibenzofuran, 2,4-dinitrotoluene, 2,6-dinitrotoluene, diethyl phthalate, 4-chlorophenyl phenyl ether, fluorene, 4-nitroaniline, 2-methyl-4, 6-dinitrophenol, n-nitrosodiphenylamine, 4-bromophenyl phenyl ether, hexachlorobenzene, pentachlorophenol, phenanthrene, anthracene, di-n-butyl phthalate, fluoranthene, pyrene, 3,3'-dichlorobenzidine, benzo[a]anthracene, chrysene, di-n-octyl phthalate, benzo[b]fluoranthene, benzo[a]pyrene, benzo[k]fluoranthene, indeno[1,2,3-cd]pyrene, benzoic acid, azobenzene, and dibenz(a,h)anthracene.
3. "<" indicates the compound was not detected at a concentration at or greater than the laboratory reporting limit shown.
4. Results greater than ESLs shown in **bold**.

Abbreviations

bgs = below ground surface
EPA = Environmental Protection Agency
ND = not detected
SVOCs = semivolatile organic compounds
SIM = selective ion monitoring

TABLE 4

METALS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in milligrams per kilogram (mg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	Cadmium	Chromium	Nickel	Lead	Zinc
Building B							
SSB1-1.0	12/16/2014	1.0	0.27	33	31	8.9	48
SSB2-1.0	12/16/2014	1.0	0.21	27	35	4.8	30
SSB3-1.0	12/16/2014	1.0	<0.39 [2]	51	85	7.6	69
SSB4-1.0	12/17/2014	1.0	<0.41	40	42	15	63
SSB5-1.5	12/17/2014	1.0	0.28	28	39	5.1	36
SSB6-1.0	12/22/2014	1.0	0.13	26	36	4.2	27
SSB7-1.0	12/22/2014	1.0	0.91	34	47	6.2	42
SSB8-2.5	12/30/2014	2.5	<0.42	41	43	7.7	49
HL-1-8.0	12/29/2014	8.0	<0.39	33	38	5.8	47
HL-2-8.0	12/29/2014	8.0	0.4	36	37	6.6	54
HL-3-8.0	12/29/2014	8.0	1.7	34	39	68	240
HL-4-8.0	12/29/2014	8.0	<0.46	41	55	10	59
HL-5-8.0	12/29/2014	8.0	<0.36	33	30	5.4	41
HL-6-8.0	12/29/2014	8.0	<0.45	34	36	6.1	48
HL-7-8.0	12/29/2014	8.0	0.41	34	39	7.3	56
HL-8-8.0	12/29/2014	8.0	<0.45	41	37	6.5	57
HL-9-8.0	12/29/2014	8.0	<0.35	30	28	5.2	39
HL-10-8.0	12/29/2014	8.0	<0.41	33	28	5.3	41
HL-11-8.0	12/29/2014	8.0	0.4	37	40	6.7	54
HL-12-8.0	12/29/2014	8.0	<0.37	41	38	6.8	51
HL-13-8.0	12/29/2014	8.0	0.35	40	41	7.4	57
HL-14-8.0	12/29/2014	8.0	<0.40	34	34	5.5	45
DL-2-2.5	12/30/2014	2.5	0.16	33	46	7.9	45
DL-3-2.75	12/30/2014	2.8	0.56	32	45	6.4	49
DL-4-3.0	12/30/2014	3.0	<0.11	33	49	7.1	46
DL-5-3.25	12/30/2014	3.3	<0.11	34	45	6.3	44
DL-6-3.5	12/30/2014	3.5	0.29	34	49	7	47
DL-7-3.75	12/30/2014	3.8	<0.50	43	38	13	72
DL-8-4.0	12/30/2014	4.0	<0.45	51	44	8.8	72
BBFS1-2.5	1/6/2015	2.5	<0.11	46	37	5.2	34
Building C							
SSC1-1.0	12/19/2014	1.0	<0.45	44	45	12	74
SSC2-1.0	12/19/2014	1.0	<0.50	44	45	12	74
SSC3-1.0	12/19/2014	1.0	0.25	26	38	4.9	33
SSC4-1.0	12/23/2014	1.0	<0.42	32	44	6.6	42
SSC5-1.0	12/23/2014	1.0	0.32	34	36	11	55
SSC6-1.0	12/23/2014	1.0	0.48	37	37	10	65
BCFS1-2.5	12/19/2014	2.5	2.9	38	41	**100** [3]	130

TABLE 4

METALS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in milligrams per kilogram (mg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	Cadmium	Chromium	Nickel	Lead	Zinc
Building C (cont'd)							
BCDL1-1.0	12/30/2014	1.0	<0.46	29	40	6.8	41
BCDL2-1.0	12/30/2014	1.0	<0.50	42	41	12	70
BCDL3-1.0	12/30/2014	1.0	<0.49	55	47	14	78
BCFS2-2.5	1/6/2015	2.5	<0.43	40	39	6.8	60
Building D							
SSD1-1.5	12/15/2014	1.5	0.19	34	36	4.8	30
Other areas							
CW-S-3.5	12/16/2014	3.5	0.27	28	25	9.6	46
WOTP1-1.25	12/30/2014	1.3	0.19	31	43	6.4	43
WOTP2-2.5	12/30/2014	2.5	<0.44	36	46	6.6	42
WOTP3-4.0	12/30/2014	4.0	<0.47	47	45	8.1	70
Residential ESL (mg/kg)			**12**	**1,000**	**150**	**80**	**600**

Notes

1. Samples analyzed for CA LUFT-5 Metals (cadmium, chromium, lead, nickel, and zinc) by U.S. EPA Method 6010B.
2. "< " indicates the compound was not detected at a concentration at or greater than the
3. Results greater than ESLs shown in **bold**.

Abbreviations

bgs = below ground surface
EPA = Environmental Protection Agency

TABLE 5

POLYCHLORINATED BIPHENYLS IN SOIL [1]

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Results reported in micrograms per kilogram (µg/kg)

Sample ID	Date Collected	Sample Depth (feet bgs)	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
Building B									
HL-1-8.0	12/29/2014	8.0	<98 [2]	<98	<98	<98	<98	<98	**410** [3]
HL-2-8.0	12/29/2014	8.0	<49	<49	<49	<49	<49	<49	<49
HL-3-8.0	12/29/2014	8.0	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500
HL-4-8.0	12/29/2014	8.0	<50	<50	<50	<50	<50	<50	<50
HL-5-8.0	12/29/2014	8.0	<50	<50	<50	<50	<50	<50	<50
HL-6-8.0	12/29/2014	8.0	<49	<49	<49	<49	<49	<49	<49
HL-7-8.0	12/29/2014	8.0	<50	<50	<50	<50	<50	<50	<50
HL-8-8.0	12/29/2014	8.0	<49	<49	<49	<49	<49	<49	<49
HL-9-8.0	12/29/2014	8.0	<50	<50	<50	<50	<50	<50	<50
HL-10-8.0	12/29/2014	8.0	<49	<49	<49	<49	<49	<49	<49
HL-11-8.0	12/29/2014	8.0	<50	<50	<50	<50	<50	<50	<50
HL-12-8.0	12/29/2014	8.0	<49	<49	<49	<49	<49	<49	<49
HL-13-8.0	12/29/2014	8.0	<50	<50	<50	<50	<50	<50	<50
HL-14-8.0	12/29/2014	8.0	<49	<49	<49	<49	<49	<49	<49
Residential ESL (µg/kg)			**220**	**220**	**220**	**220**	**220**	**220**	**220**

Notes

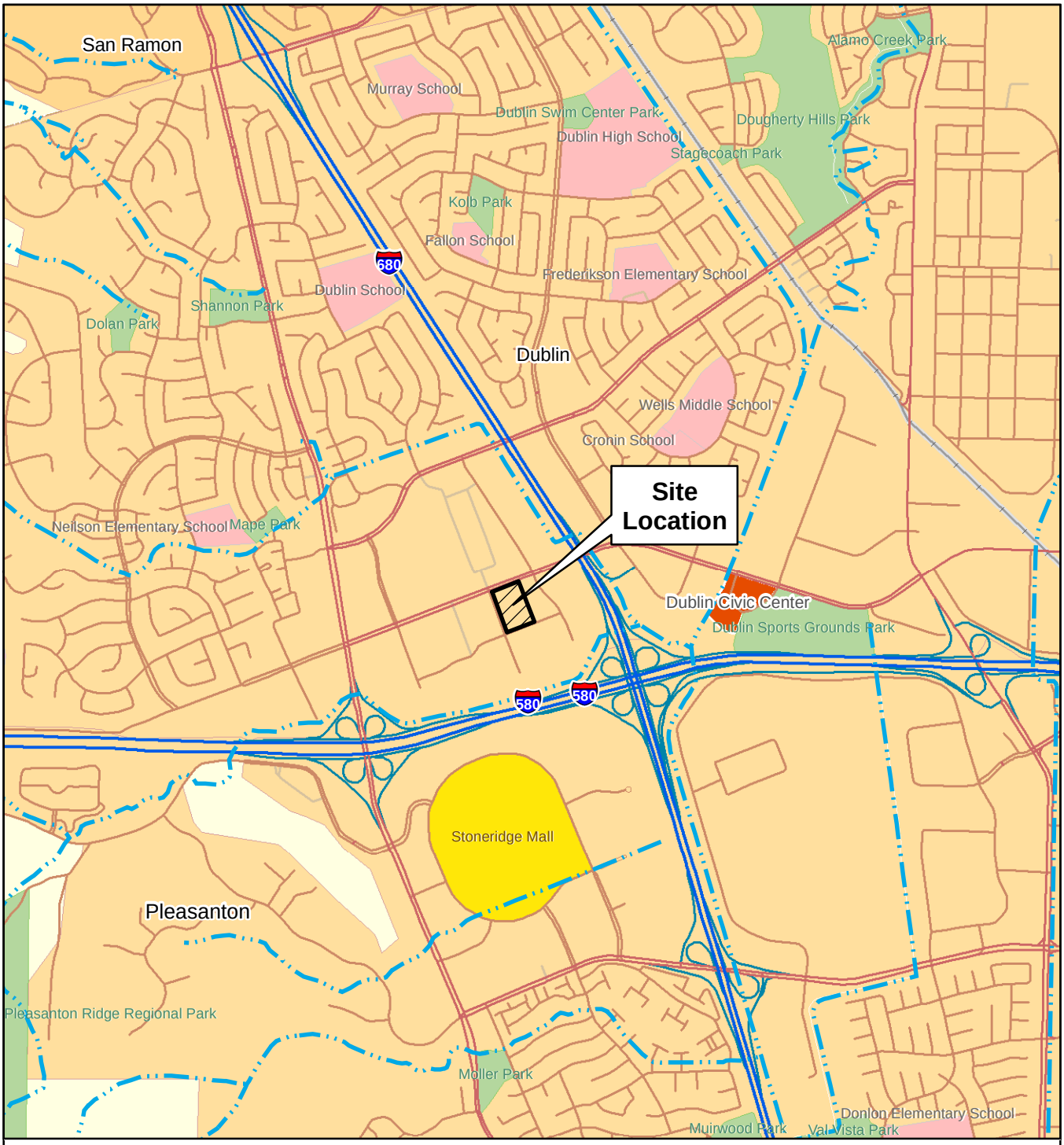
1. Samples analyzed for PCBs using U.S. EPA Method 8082.
2. "<" indicates the compound was not detected at a concentration at or greater than the laboratory reporting limit shown.
3. Results greater than ESLs shown in **bold**.

Abbreviations

bgs = below ground surface
EPA = Environmental Protection Agency
PCBs = polychlorinated biphenyls

amec
foster
wheeler

FIGURES



Street map from ESRI, 2007.

0 2,000 4,000 Feet

N

SITE LOCATION MAP
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

By: GFS	Date: 04/07/2014	Project No. OD10160070
amec		Figure 1

S:\OD10\160070\task_00009\14_0304_prb_fig_01.mxd

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Dublin Boulevard

St. Patrick Way

Golden Gate Drive

North Parcel

Building A

Building B

Building C

Building D

Car Wash

SS

SS LAT

?

0 50

APPROXIMATE SCALE IN FEET

N

SSD1

HL-8	8.0
TPHd	770
TPHmo	990

HL-7 SSB3 HL-9 HL-10 HL-11 HL-12 HL-13 HL-14 SSB1 HL-8 SSB2 DL-8 DL-7 DL-6 DL-5 DL-4 DL-3 DL-2 BBFS1 Former Sump

SSB7 HL-2 HL-3 HL-4 SSB6 SSB8 HL-1 HL-5 HL-6 SSB4 WOTP2 WOTP1 SSB5 WOTP3

CW-S

SSC3 SSC4

HL-1	8.0
TPHd	1,600
TPHmo	4,700
PCB-1260	0.41

HL-3	8.0
TPHd	7,000
TPHmo	20,000
PCE	0.59
Toluene	3.0

WOTP1	1.25
TPHmo	120

HL-6	8.0
TPHd	1,800
TPHmo	5,000

BCFS1	2.5
TPHd	150
TPHmo	210
2-Methylnapthalene	0.27
Lead	100

SSC2 SSC5

BCDL2 BCDL3 BCFS1 BCDL1 BCFS2 Former Sump

Former Spray Paint Booth

SSC1 SSC6

ESLs for Shallow Soil in a Residential Land Use Setting	
TPHd	100
TPHmo	100
PCE	0.55
Toluene	2.9
2-Methylnapthalene	0.25
Lead	80
PCB-1260	0.22

Values measured in mg/kg

Abbreviations:
PCE = tetrachloroethene
TPHd = total petroleum hydrocarbons as diesel
TPHmo = total petroleum hydrocarbons as motor oil
PCB = Polychlorinated Biphenyl
bgs = below ground surface
mg/kg = milligrams per kilogram
ESL = Environmental Screening Level

Explanation

- Approximate excavation boundary (October 2011)
- Former building envelope
- Approximate property line
- Former sump location
- Manhole
- Utility vault
- SS — Sanitary sewer line
- SS LAT — Sanitary sewer lateral line
- Former drain line
- Former underground storage tank

Sample points explanation

- BBFS - Building B former sump confirmation soil sample location
- BCFS - Building C former sump confirmation soil sample location
- CW-S - Car wash sump confirmation soil sample location
- SSB - Building B sub-slab soil sample location
- SSC - Building C sub-slab soil sample location
- SSD - Building D sub-slab soil sample location
- BCDL - Building C drain line confirmation soil sample location
- DL - Building B drain line confirmation soil sample location
- WOTP - Waste oil tank pipe confirmation soil sample location
- HL - Hydraulic lift confirmation soil sample location

HL-3	8.0
TPHd	7,000
TPHmo	20,000
PCE	0.59
Toluene	3.0

Sample ID
Sample depth in feet bgs
Values measured in mg/kg
Constituent

Notes:
1. All building demolition performed in December 2014 by others.
2. Locations of utilities in north parking lot provided by NorCal Geophysical Consultants, Inc., in October 2012. Locations of all other utilities provided by Carlson, Barbee, & Gibson, Inc., in July 2012 (locations are approximate).
3. Only analytical results greater than ESLs for shallow soil in a residential land use setting are presented on this figure.

SOIL ANALYTICAL RESULTS
GREATER THAN ESLs
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

amec foster wheeler

Date: 02/05/2015 | Project No. OD10160070

Figure 2