

RECEIVED

By Alameda County Environmental Health at 8:55 am, Dec 16, 2014

December 12, 2014

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

Subject: Planned Well Destruction Activities
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California
Site Cleanup Program Case No. RO0003014

Dear Ms. Roe:

Enclosed please find a letter entitled *Planned Well Destruction Activities* 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 (408) 680-4938 or Avery Whitmarsh of AMEC at (510) 663-4154 if you have any questions regarding this letter.

Sincerely yours,



Pete Beritzhoff
BWD Dublin LLC

Attachment: Planned Well Destruction Activities



December 12, 2014

Project OD10160070

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

Subject: Planned Well Destruction Activities
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California
Site Cleanup Program Case No. RO0003014

Dear Ms. Roe:

On behalf of Crown Chevrolet Cadillac Isuzu, AMEC Environment & Infrastructure, Inc. (AMEC), has prepared this letter to document details regarding planned well destruction activities for the property located at 7544 Dublin Boulevard in Dublin, California (the site). This letter has been prepared in response to an email from Dilan Roe of Alameda County Environmental Health Department (ACEH) to Pete Beritzhoff of Bay West Development LLC on December 10, 2014 requesting a summary of wells to be destroyed and their construction details.

In August 2012, three pre-pack groundwater wells, four multi-port groundwater wells, and eight soil vapor probes were installed at the site. In August 2014, three piezometers were installed at the site. The construction details for each of the wells and piezometers are shown in Table 1. The construction details for each of the soil vapor probes, which have since been destroyed, are shown in Table 2.

Monitoring well MW-03 was destroyed on August 26, 2014, as approved in an email from Dilan Roe of ACEH to Avery Whitmarsh of AMEC on August 25, 2014. The remaining nine monitoring wells/piezometers will be destroyed beginning December 18, 2014, in accordance with the *Revised Additional Investigation and Soil Removal Work Plan (Work Plan)*, dated August 27, 2014.

As noted in the Work Plan, documentation of the well destruction activities will be included in the report that also documents demolition oversight and additional excavation activities. That report will be submitted to ACEH approximately 8 weeks following completion of the activities outlined in the Work Plan.

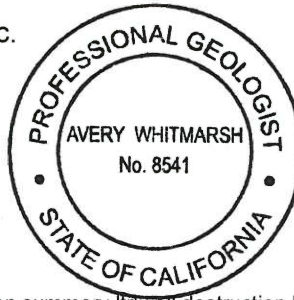
Ms. Dilan Roe
Alameda County Environmental Health
December 12, 2014
Page 2

Please contact me at 510-663-4154 if you have any questions regarding this letter.

Sincerely yours,
AMEC Environment & Infrastructure, Inc.



Avery Whitmarsh, PG
Senior Geologist



AW/cpr
x:\16000s\160070\4000\2014_12_aceh_well destruction summary ltr\well destruction letter_121214.docx

Attachments: Table 1 – Well Construction Details
Table 2 – Vapor Probe Construction Details

TABLE 1

WELL CONSTRUCTION DETAILS

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Well Type	Monitoring Well ID	Port	Date Installed	Survey Data					Construction Information ¹						Destruction Date (completed or anticipated)	
				Ground Surface Elevation (feet)	Top Of Casing Surveyed Elevation (feet)	Northing	Easting	Datum	Depth Drilled (feet bgs)	Top of Screen (feet bgs)	Bottom of Screen (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Screen Slot Size (inches)		Filter Pack
Pre-pack groundwater well	MW-01	--	8/30/2012	344.58	344.24	2081925.24	6148339.55	NAD 83/NAVD 88	22	16.2	20.9	21.17	0.75	0.010	#20/40 and 2/12 sand	12/18/2014
	MW-02	--	8/30/2012	340.41	340.24	2082055.96	6148450.40	NAD 83/NAVD 88	20.2	15.2	19.9	19.92	0.75	0.010	#20/40 and 2/12 sand	12/18/2014
	MW-03	--	8/31/2012	343.95	343.77	2081890.72	6148566.71	NAD 83/NAVD 88	20	14.4	19.1	19.35	0.75	0.010	#20/40 and 2/12 sand	8/26/2014
CMT multi-port groundwater well	MP-01	MP-01-1	8/29/2012	343.37	343.20	2081915.18	6148233.76	NAD 83/NAVD 88	60	17.3	17.6	59.3	0.375	0.010	#2/12 sand	12/19/2014
		NAD 83/NAVD 88						43.2		43.5	0.375		0.010	#2/12 sand		
		NAD 83/NAVD 88						58.1		58.4	0.375		0.010	#2/12 sand		
	MP-02	MP-02-1	8/30/2012	341.32	341.15	2082008.13	6148472.05	NAD 83/NAVD 88	60	12.6	12.9	59.7	0.375	0.010	#2/12 sand	12/19/2014
		NAD 83/NAVD 88						36.4		36.7	0.375		0.010	#2/12 sand		
		NAD 83/NAVD 88						57.5		57.8	0.375		0.010	#2/12 sand		
	MP-03	MP-03-1	8/30/2012	342.31	342.21	2081948.36	6148500.44	NAD 83/NAVD 88	60	14.3	14.6	59.8	0.375	0.010	#2/12 sand	12/22/2014
		NAD 83/NAVD 88						42.9		43.2	0.375		0.010	#2/12 sand		
		NAD 83/NAVD 88						57.8		58.1	0.375		0.010	#2/12 sand		
	MP-04	MP-04-1	8/31/2012	341.48	341.22	2081993.43	6148600.32	NAD 83/NAVD 88	60.5	15.4	15.7	60.5	0.375	0.010	#2/12 sand	12/22/2014
		NAD 83/NAVD 88						41.4		41.7	0.375		0.010	#2/12 sand		
		NAD 83/NAVD 88						58.3		58.6	0.375		0.010	#2/12 sand		
Piezometer	PZ-01	--	8/21/2014	343.18	342.89	2081792.36	6148269.43	NAD 83/NAVD 88	20.3	15.3	19.7	20.3	2.0	0.010	#2/12 sand	12/18/2014
	PZ-02	--	8/22/2014	342.93	342.64	2081986.53	6148237.08	NAD 83/NAVD 88	20.4	15.5	19.9	20.4	2.0	0.010	#2/12 sand	12/18/2014
	PZ-03	--	8/22/2014	342.10	341.78	2082005.33	6148289.18	NAD 83/NAVD 88	20.2	15.2	19.6	20.2	2.0	0.010	#2/12 sand	12/19/2014

Notes

1. Pre-pack well and piezometer casing materials are Schedule 40 PVC. The multi-port well casing materials are Solinst 3-channel CMT.

Abbreviations

- = not applicable
- bgs = below ground surface
- CMT = continuous multi-channel tubing
- NAD = North American Datum
- NAVD = North American Vertical Datum



TABLE 2

VAPOR PROBE CONSTRUCTION DETAILS

Crown Chevrolet Cadillac Isuzu
 7544 Dublin Boulevard
 Dublin, California

Well Type	Monitoring Well ID	Port	Date Installed	Survey Data				Construction Information			Destruction Date
				Ground Surface Elevation (feet)	Latitude	Longitude	Datum	Depth Drilled (feet bgs)	Top of Screen (feet bgs)	Bottom of Screen (feet bgs)	
Soil vapor probe	SG-09	--	8/29/2012	344.63	37.7025430	-121.9283275	NAD 83/NAVD 88	5.5	4.5	5.5	5/9/2014
	SG-10	--	8/29/2012	344.90	37.7025613	-121.9282033	NAD 83/NAVD 88	5.5	4.5	5.5	5/9/2014
	SG-11	--	8/29/2012	345.40	37.7024738	-121.9282440	NAD 83/NAVD 88	5.5	4.5	5.5	5/9/2014
	SG-12	--	8/29/2012	345.68	37.7024188	-121.9283856	NAD 83/NAVD 88	8.0	7.0	8.0	5/9/2014
Nested soil vapor probe	SG-13	SG-13A	8/31/2012	339.71	37.7043797	-121.9279931	NAD 83/NAVD 88	8.5	3.5	4.5	8/25/2014
		SG-13B							7.5	8.5	
	SG-14	SG-14A	8/31/2012	340.80	37.7042667	-121.9279383	NAD 83/NAVD 88	8.5	3.5	4.5	8/25/2014
		SG-14B							7.5	8.5	
	SG-15	SG-15A	8/31/2012	341.66	37.7041261	-121.9278699	NAD 83/NAVD 88	8.5	3.5	4.5	8/25/2014
		SG-15B							7.5	8.5	
	SG-16	SG-16A	8/31/2012	342.03	37.7039986	-121.9278086	NAD 83/NAVD 88	8.5	3.5	4.5	8/25/2014
		SG-16B							7.5	8.5	

Abbreviations

- = not applicable
- bgs = below ground surface
- CMT = continuous multi-channel tubing
- NAD = North American Datum
- NAVD = North American Vertical Datum