

June 21, 2016

Mr. Kirk Bagley, PE  
Bowen Collins & Associates, Inc.  
154 East 14000 South  
Draper, Utah 84020  
[kbagley@bowencollins.com](mailto:kbagley@bowencollins.com)

Re: Park City Public Works Facility  
Report of Lead-Impacted Soil Testing

Dear Kirk:

This letter presents the results of soil testing performed at the referenced site for the purpose of evaluating the extent and concentration of lead-impacted soils present across the site. Soil samples were collected on June 1 and 2, 2016 using a Case 316 E track hoe, and were transported to American West Analytical Laboratories for Total Lead Content testing in accordance with Test Method SW6020A.

Approximate sample locations are indicated on the attached Site Plan. Samples were obtained at 36 locations across the site by excavating shallow test pits and collecting bulk samples at depths of 1 to 2 feet below the existing ground surface. Three test pits (TP-1, TP-2, and TP-3) were located within an area of previously imported fill. Due to the depth of fill at these locations, samples were obtained near the ground surface, then at approximate 5-foot intervals through the fill zone, and finally within the native soil below the fill. The results of all tests, along with their accompanying location and depth are presented in the attached report.

In accordance with Park City Municipal Code 11-15-1, commonly referred to as "The Soil Ordinance", soils with a lead concentration in excess of 200 mg/kg must be appropriately capped onsite, or disposed offsite at an approved facility as specified in the ordinance. As indicated in the report, most samples tested within TP-1, TP-2, and TP-3 (imported fill mound) indicated lead concentrations above the action level. The only other samples indicating concentrations above the action level were located at TP-33 and TP-36.

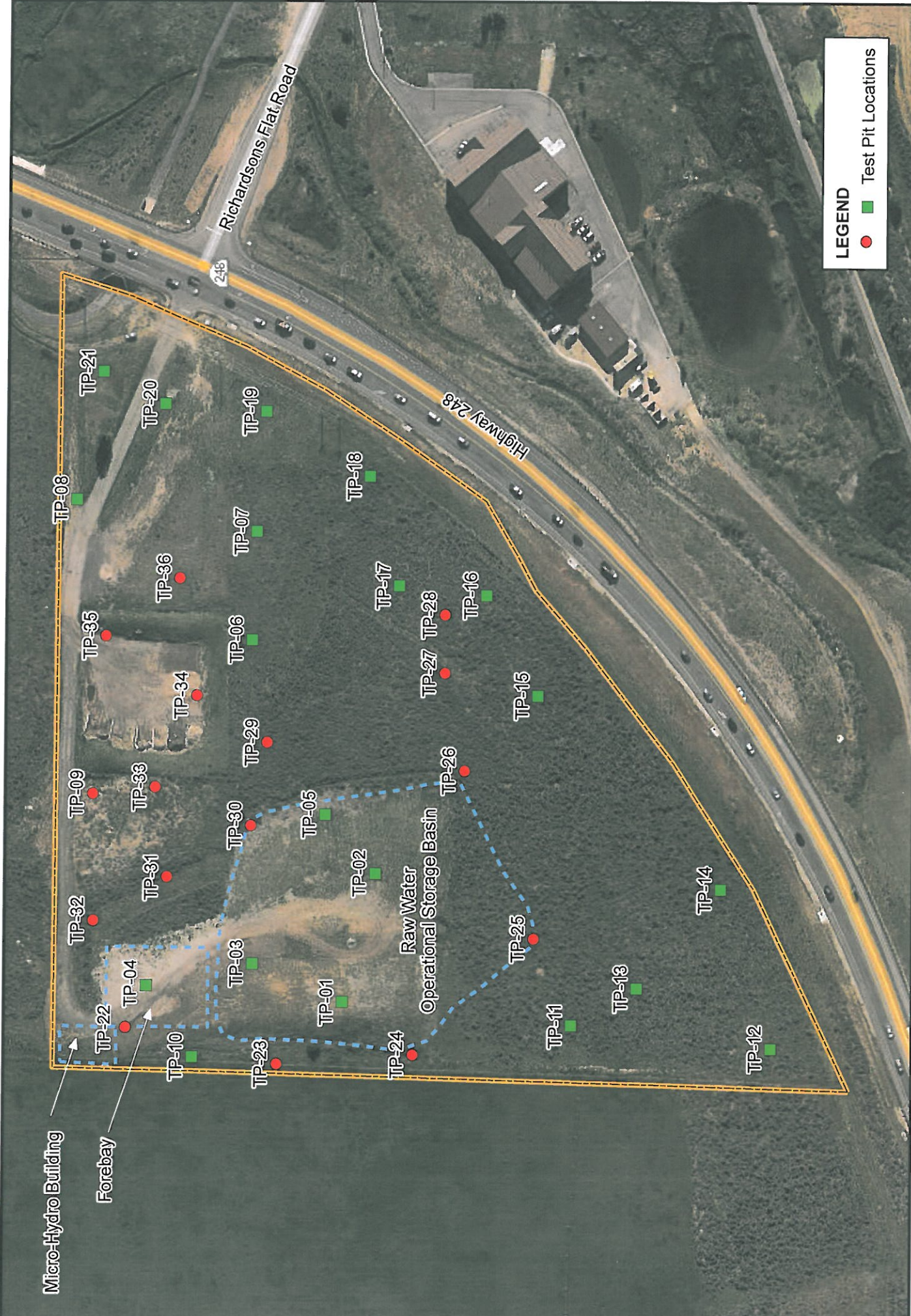
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If you have any questions regarding this report, please feel free to contact the undersigned at (801) 549-0055.

Sincerely,

**Gerhart Cole, Inc.**

  
Scott W. Davis, PE  
Senior Project Manager



**LEGEND**

- Test Pit Locations
- Exploration Points



Figure 1

**Park City Public Utilities**  
Exploration Points

**GERHART COLE INC.**  
GEOTECHNICAL ENGINEERS

J:\PROJECTS\Bowen Collins\66088 Park City Public Utilities Development\Drawings\ArcGIS\WorkProduct\Exploration Points.mxd, 6/17/2016 12:53:51 PM



3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## INORGANIC ANALYTICAL REPORT

**Client:** Gerhart Cole, Inc.

**Lab Set ID:** 1606089

**Project:** Park City Public Works Facility / 16GCI688

**Contact:** Scott Davis

**Received Date:** 6/6/2016 1145h

### Lead

**Method Used:** SW6020A

Lab Sample ID	Client Sample ID	Collection Date	Date Prepared	Date Analyzed	Units	Reporting Limit	Analytical Result	Qual
1606089-001A	TP-1 @ 1-2'	6/1/2016 800h	6/6/2016 1440h	6/7/2016 855h	mg/kg-dry	70.6	2,510	
1606089-002A	TP-1 @ 5-8'	6/1/2016 815h	6/6/2016 1440h	6/7/2016 858h	mg/kg-dry	67.3	571	
1606089-003A	TP-1 @ 10-12'	6/1/2016 830h	6/6/2016 1440h	6/7/2016 901h	mg/kg-dry	78.9	623	
1606089-004A	TP-1 @ 15-17'	6/1/2016 845h	6/6/2016 1440h	6/7/2016 904h	mg/kg-dry	75.5	721	
1606089-005A	TP-1 @ 20-22'	6/1/2016 900h	6/6/2016 1440h	6/7/2016 938h	mg/kg-dry	8.66	34.2	
1606089-006A	TP-2 @ 1-3'	6/1/2016 930h	6/6/2016 1440h	6/7/2016 910h	mg/kg-dry	73.5	163	
1606089-007A	TP-2 @ 5-7'	6/1/2016 945h	6/6/2016 1440h	6/7/2016 913h	mg/kg-dry	72.4	1,870	
1606089-008A	TP-2 @ 10-12'	6/1/2016 1000h	6/6/2016 1440h	6/7/2016 917h	mg/kg-dry	66.1	3,630	
1606089-009A	TP-2 @ 15-17'	6/1/2016 1015h	6/6/2016 1440h	6/7/2016 942h	mg/kg-dry	8.06	110	
1606089-010A	TP-2 @ 20-22'	6/1/2016 1030h	6/6/2016 1440h	6/7/2016 948h	mg/kg-dry	8.09	20.6	
1606089-011A	TP-3 @ 1-3'	6/1/2016 1100h	6/6/2016 1440h	6/7/2016 935h	mg/kg-dry	81.7	188	
1606089-012A	TP-3 @ 5-7'	6/1/2016 1115h	6/7/2016 1500h	6/9/2016 953h	mg/kg-dry	74.2	1,500	
1606089-013A	TP-3 @ 10-12'	6/1/2016 1130h	6/7/2016 1500h	6/9/2016 1009h	mg/kg-dry	71.2	3,060	
1606089-014A	TP-3 @ 12-13'	6/1/2016 1145h	6/7/2016 1500h	6/9/2016 1411h	mg/kg-dry	8.55	10.4	
1606089-015A	TP-3 @ 15-17'	6/1/2016 1200h	6/7/2016 1500h	6/9/2016 1414h	mg/kg-dry	7.62	47.3	
1606089-016A	TP-4 @ 1-2'	6/1/2016 1230h	6/7/2016 1500h	6/9/2016 1028h	mg/kg-dry	77.6	161	
1606089-017A	TP-5 @ 1-2'	6/1/2016 1300h	6/7/2016 1500h	6/9/2016 1417h	mg/kg-dry	8.60	23.1	
1606089-018A	TP-6 @ 1-2'	6/1/2016 1400h	6/7/2016 1500h	6/9/2016 1420h	mg/kg-dry	7.68	16.5	
1606089-019A	TP-7 @ 1-2'	6/1/2016 1500h	6/7/2016 1500h	6/9/2016 1423h	mg/kg-dry	7.19	22.6	



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1606089-020A	TP-8 @ 1-2'	6/1/2016 1530h	6/7/2016 1500h	6/9/2016 1040h	mg/kg-dry	80.3	148	
1606089-021A	TP-9 @ 1-2'	6/1/2016 1600h	6/7/2016 1500h	6/9/2016 1427h	mg/kg-dry	8.35	54.6	
1606089-022A	TP-10 @ 1-2'	6/1/2016 1615h	6/7/2016 1500h	6/9/2016 1430h	mg/kg-dry	9.08	16.3	
1606089-023A	TP-11 @ 1-2'	6/1/2016 1630h	6/7/2016 1500h	6/9/2016 1433h	mg/kg-dry	6.90	17.0	
1606089-024A	TP-12 @ 1-2'	6/1/2016 1645h	6/7/2016 1500h	6/9/2016 1436h	mg/kg-dry	6.60	29.0	
1606089-025A	TP-13 @ 1-2'	6/1/2016 1700h	6/7/2016 1500h	6/9/2016 1439h	mg/kg-dry	7.47	26.9	
1606089-026A	TP-14 @ 1-2'	6/1/2016 1730h	6/7/2016 1500h	6/9/2016 1515h	mg/kg-dry	7.47	75.6	
1606089-027A	TP-15 @ 1-2'	6/1/2016 1800h	6/7/2016 1500h	6/9/2016 1518h	mg/kg-dry	6.96	16.8	
1606089-028A	TP-16 @ 1-2'	6/2/2016 800h	6/7/2016 1500h	6/9/2016 1521h	mg/kg-dry	7.50	19.1	
1606089-029A	TP-17 @ 1-2'	6/2/2016 830h	6/7/2016 1500h	6/9/2016 1525h	mg/kg-dry	7.37	27.1	
1606089-030A	TP-18 @ 1-2'	6/2/2016 900h	6/7/2016 1500h	6/9/2016 1528h	mg/kg-dry	7.82	22.8	
1606089-031A	TP-19 @ 1-2'	6/2/2016 915h	6/7/2016 1500h	6/9/2016 1531h	mg/kg-dry	7.30	28.5	
1606089-032A	TP-20 @ 1-2'	6/2/2016 930h	6/14/2016 1040h	6/15/2016 1520h	mg/kg-dry	7.76	17.5	
1606089-033A	TP-21 @ 1-2'	6/2/2016 945h	6/14/2016 1040h	6/15/2016 1523h	mg/kg-dry	7.57	154	
1606089-034A	TP-22 @ 1-2'	6/2/2016 1000h	6/14/2016 1040h	6/15/2016 1526h	mg/kg-dry	8.06	15.7	
1606089-035A	TP-23 @ 1-2'	6/2/2016 1015h	6/14/2016 1040h	6/15/2016 1529h	mg/kg-dry	8.10	18.8	
1606089-036A	TP-24 @ 1-2'	6/2/2016 1030h	6/14/2016 1040h	6/15/2016 1532h	mg/kg-dry	8.04	124	
1606089-037A	TP-25 @ 1-2'	6/2/2016 1045h	6/14/2016 1040h	6/15/2016 1535h	mg/kg-dry	7.83	35.3	
1606089-038A	TP-26 @ 1-2'	6/2/2016 1100h	6/14/2016 1040h	6/15/2016 1542h	mg/kg-dry	7.39	19.9	



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1606089-039A	TP-27 @ 1-2'	6/2/2016 1110h	6/14/2016 1040h	6/15/2016 1545h	mg/kg-dry	7.89	17.6	
1606089-040A	TP-28 @ 1-2'	6/2/2016 1120h	6/14/2016 1040h	6/15/2016 1548h	mg/kg-dry	7.68	16.3	
1606089-041A	TP-29 @ 1-2'	6/2/2016 1130h	6/14/2016 1040h	6/15/2016 1551h	mg/kg-dry	7.70	18.8	
1606089-042A	TP-30 @ 1-2'	6/2/2016 1140h	6/14/2016 1040h	6/15/2016 1604h	mg/kg-dry	7.80	15.0	
1606089-043A	TP-31 @ 1-2'	6/2/2016 1150h	6/14/2016 1040h	6/15/2016 1607h	mg/kg-dry	7.75	17.2	
1606089-044A	TP-32 @ 1-2'	6/2/2016 1200h	6/14/2016 1040h	6/15/2016 1610h	mg/kg-dry	7.85	15.8	
1606089-045A	TP-33 @ 1-2'	6/2/2016 1210h	6/14/2016 1040h	6/15/2016 1613h	mg/kg-dry	7.99	590	
1606089-046A	TP-34 @ 1-2'	6/2/2016 1220h	6/14/2016 1040h	6/15/2016 1617h	mg/kg-dry	7.74	146	
1606089-047A	TP-35 @ 1-2'	6/2/2016 1230h	6/14/2016 1040h	6/15/2016 1620h	mg/kg-dry	7.39	75.1	
1606089-048A	TP-36 @ 1-2'	6/2/2016 1240h	6/14/2016 1040h	6/18/2016 1313h	mg/kg-dry	28.8	972	

*2 - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.*